JENSEN

VM9725BT

Operating Instructions

160 watts peak
40W x 4

Thank you for choosing a Jensen product. We hope you will find the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all the features of your new Jensen VM9725BT Mobile Multimedia Receiver for maximum enjoyment.

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FEATURES

Congratulations on your purchase of the Jensen VM9725BT Mobile Multimedia Receiver. It's a good idea to read all of the instructions before beginning the installation. We recommend having your Jensen VM9725BT installed by a reputable installation shop.

DVD

- Fast Forward/Reverse - 2X, 4X, 8X, and 20X
- Slow Motion Forward/Reverse - 1/2, 1/4, 1/6, and 1/8
- Play, Pause, Stop, Next Chapter, and Previous Chapter

CD / MP3 / WMA

- CD-Text Compatible
- ID3 Tag Compatible
- Directory Search (MP3 / WMA Only)
- Burn up to 1500 MP3 and WMA Files onto a DVD+R / RW
- Audible Forward / Reverse Track Search (CD-DA Only)
- Random, Repeat and Intro
- Play, Pause, Stop, Next Track, and Previous Track

AM-FM

- USA / Europe / Latin America / Asia Frequency Spacing
- 30 Station Presets (18 FM / 12 AM)
- Auto Stereo / Mono
- Local / Distance
- Auto Store / Preview Scan

iPod®/iPhone®

- iPod®/ iPhone® via USB
- High Speed Direct Connect Interface to Access iPod® Playlists, Artists, Albums and Songs. Play music and view video/photo* files from your iPod®. *Video/photo playback requires jLink-USB iPod® interface cable (sold separately).
- Power Management Charges iPod® while Connected

SiriusXM® Ready

- Satellite Channel Name, Artist, Song and Categories Displayed on Monitor

Chassis

- 2.0 DIN (Import / ISO-DIN Mountable)
- Fixed Front Panel
- 6.2" High Definition TFT LCD
- 1,152,000 Sub Pixels (800 x 3 X 480)
- Beep Tone Confirmation (ON-OFF Option)
- Heat Management System - Forced-Air Cooling To Keep The Chip-Sets Operating at Nominal Temperatures

General

- Built-In Bluetooth® with external microphone, providing Hands-Free operation for safety and convenience and A2DP for streaming music from your smartphone or other Bluetooth® device.
- One Composite Video Output for Additional Screens
- Front Panel Audio/Video Input
- Three-Band Tone control (Bass, Mid and Treble) with Eight Preset EQ Curves
- Front Panel A/V Aux Input for Portable Media Devices
- Rear Subwoofer Line Output
- Programmable Volume Control
- Rear Camera Input (Normal and Mirror Image View)
- Touch Screen Calibration Mode
- 4VRMS Line Output - All Channels
- Rotary Encoder Audio Control
- Front / Rear / Sub Line Output
- Rear USB Input

Navigation

- TTS Voice Guidance – Street Names Announced
- English, French and Spanish TTS Voice
- Tele Atlas Map Data
- 11 Million Points of Interest
- 4GB SD Card with Continental US, Alaska, Hawaii, and Puerto Rico
- Latest Map Guarantee (Limited time only - Must be used within 90 days of initial activation)

Rear Camera

The VM9725BT is "camera ready." Before accessing any camera features, you must purchase and install a rear video camera. Once the camera is connected and operating properly, the CAMERA source mode will become active. While the camera is not installed, the CAMERA option appears gray, indicating the function is not available.

WARNING! Never install this unit where operation and viewing could interfere with safe driving conditions.

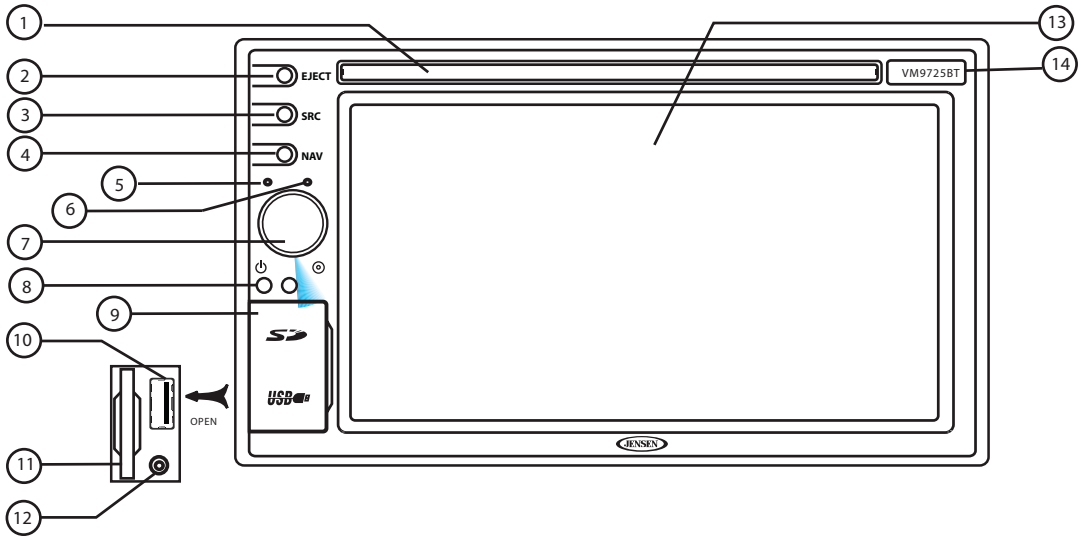
WARNING! To reduce the risk of a traffic accident (except when using for rear view video camera) never use the video display function while driving the vehicle. This is a violation of federal law.

WARNING! Never disassemble or adjust the unit.

WARNING! To prevent injury from shock or fire, never expose this unit to moisture or water.

WARNING! Never use irregular discs.

CONTROLS AND INDICATORS



1. **Disc Slot**
2. **EJECT Button**
   Press to eject a disc.
3. **SRC Button**
   Press to switch between the available audio/video sources applied to the unit.
4. **NAV Button**
   Press to toggle back and forth between the navigation and currently selected source.
5. **Internal Microphone**
   Internal microphone for Bluetooth calls.
6. **Reset Button**
   Press to reset system settings to factory default (except password and parental lock settings).
7. **Rotary Encoder / Power On/Off (⏻) Button**
   Rotate to adjust the volume. Press momentarily to activate the MUTE function. Press again to resume normal listening.
   Press to turn the unit ON. Press and hold to turn the unit OFF.
8. **Remote Sensor**
9. **USB/SD/AV Interface Connector Cover**
10. **USB Interface Connector**
    Connect a USB device for playback of music/video files.
11. **SD Interface Connector**
    Insert an SD card for playback of music/video files.
12. **A/V Input**
    Accepts a 3.5mm jack through which signals from various audio/video devices can be applied to the unit.
13. **TFT Display**
14. **Map Cover**
    Covers the Mini SD card slot. The Mini SD card is used for the Navigation Map only, not for music or other files. This may be used for firmware updates if required.

REMOTE CONTROL

See Table 1 for remote control functions.

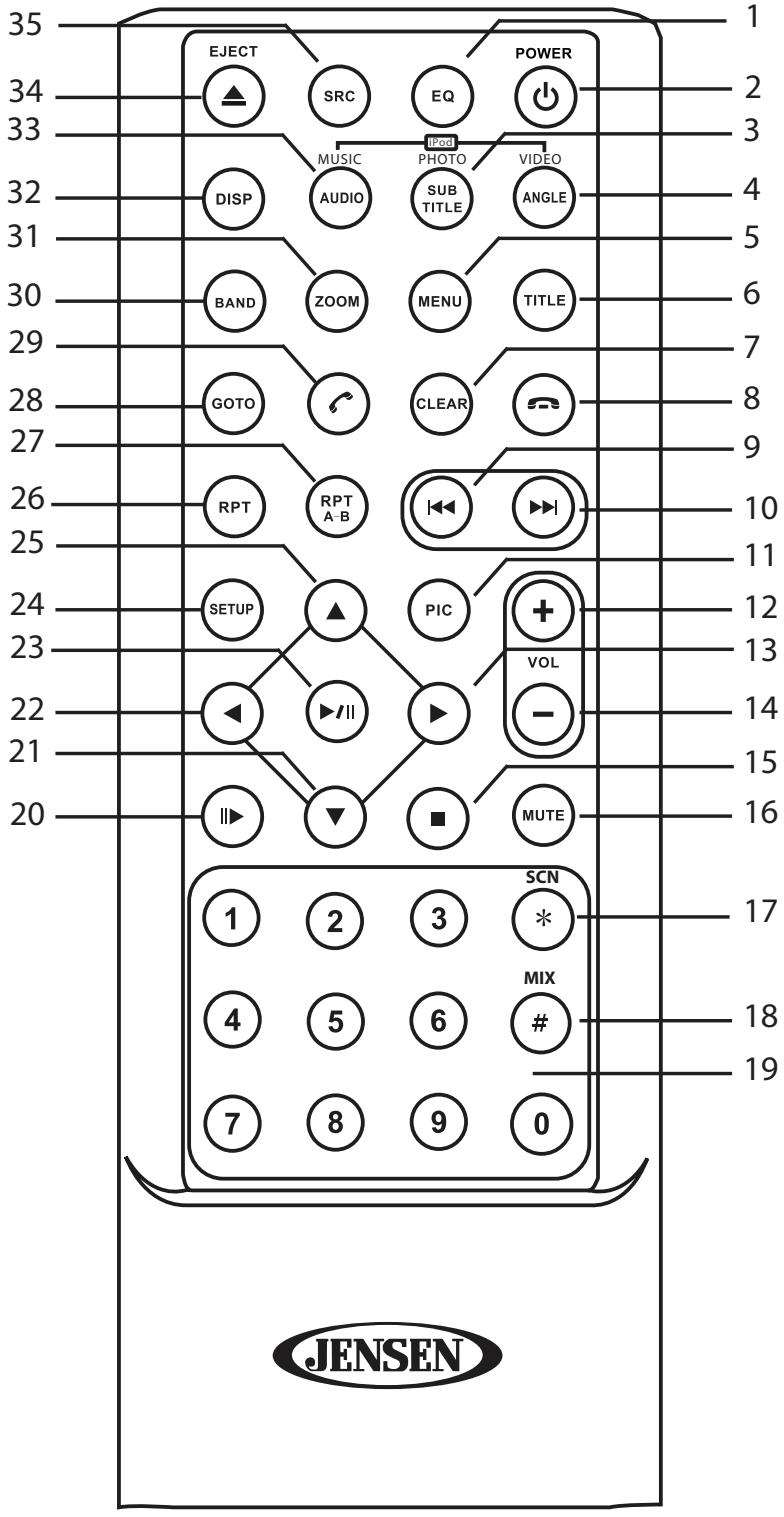


Table 1: Remote Control Functions

Button	Function					
Name	**#**	**DVD**	**VCD**	**TUNER**	**CD/MP3/ USB**	**iPod**
EQ	1	Accesses equalizer menu.	Accesses equalizer menu.	Accesses equalizer menu.	Accesses equalizer menu.	Accesses equalizer menu.
POWER (**(⏻)**)	2	Turns the power on/ off.	Turns the power on/ off.	Turns the power on/ off.	Turns the power on/ off.	Turns the power on/off.
PHOTO/ SUBTITLE	3	Language selection for subtitle.				Selects Photo mode.
VIDEO/ ANGLE	4	Plays back disc in different angle for a scene.	Plays back Picture CD with different angle of picture displayed.			Selects Video mode.
MENU	5	Enters the main menu of the disc.	Turns on/off PBC when playing VCD.		Selects Photo mode.	
TITLE	6	Enters the title menu of the disc.	Plays the first ten seconds of each chapter/ title.		Selects Music mode.	
CLEAR	7	Delete entry or move backwards to correct error in Direct Access mode.	Delete entry or move backwards to correct error in Direct Access mode.	Delete entry or move backwards to correct error in Direct Access mode.	Delete entry or move backwards to correct error in Direct Access mode.	Delete entry or move backwards to correct error in Direct Access mode.

Table 1: Remote Control Functions

Button	Function					
Name	**#**	**DVD**	**VCD**	**TUNER**	**CD/MP3/ USB**	**iPod**
☎	8					
⏮	9	Selects the previous chapter for playback.	Selects the previous chapter for playback.	Searches for an available radio station by decreasing tuning frequency.	Selects the previous track for playback.	Pauses playback/ starts playback.
⏭	10	Selects the next chapter for playback.	Selects the next chapter for playback.	Searches an available radio station by increasing the tuning frequency.	Selects the next track for playback.	Selects the next track for playback.
PIC	11	Displays set-up parameters.	Displays set-up parameters.			
VOL +	12	Increases volume.	Increases volume.	Increases volume.	Increases volume.	Increases volume.
►	13	Fast forwards the disc content.	Fast forwards the disc content.		Fast forwards the disc content.	Accesses iPod Menu..
VOL -	14	Decreases volume.	Decreases volume.	Decreases volume.	Decreases volume.	Decreases volume.
■	15	Stops playback.	Stops playback.		Stops playback.	

Table 1: Remote Control Functions

Button	Function					
Name	**#**	**DVD**	**VCD**	**TUNER**	**CD/MP3/ USB**	**iPod**
MUTE	16	Toggles on/off audio output.	Toggles on/off audio output.	Toggles on/ off audio output.	Toggles on/off audio output.	Toggles on/ off audio output.
SCN / *	17			Plays the first ten seconds of each track.		
MIX / #	18	Plays all chapters in random order.			Plays all tracks in random order.	Plays all tracks in random order
1, 2, 3, 4, 5, 6, 7, 8, 9, 0 (Numeric Keypad)	19	Directly accesses chapter.		1-6 selects preset for current band.	Directly accesses track.	
⏯	20	Press repeatedly for slow motion forward/ backward.	Press repeatedly for slow motion forward/ backward.			
PRESET ▼	21			Navigates the preset station list.		
◄	22	Slow playback/ slow rewind playback.	Slow playback/ slow rewind playback.			

Table 1: Remote Control Functions

Button	Function					
Name	**#**	**DVD**	**VCD**	**TUNER**	**CD/MP3/ USB**	**iPod**
►/II	23	Pauses playback/ starts playback.	Pauses playback/ starts playback.		Pauses playback/ starts playback.	
SETUP	24	Displays Setup menu.	Displays Setup menu.	Displays Setup menu.	Displays Setup menu.	Displays Setup menu.
PRESET ▲	25			Navigates the preset station list.		
RPT	26	Repeats playback of current chapter.	Repeats playback of current chapter.	Repeats playback of current track.	Repeats playback of current track.	
REPT A-B	27	Setup to repeat playback from time frame A to time frame B.	Setup to repeat playback from time frame A to time frame B.			
GOTO	28	Open direct entry search screen.	Open direct entry search screen.			
✆	29					
BAND	30			Selects FM/AM band.		

Table 1: Remote Control Functions

Button	Function					
Name	**#**	**DVD**	**VCD**	**TUNER**	**CD/MP3/ USB**	**iPod**
ZOOM	31	Zooms in/ out on an image.	Zooms in/ out on an image.			
DISP	32	Displays playing information.	Displays playing information.	Displays playing information.	Display playing information.	Displays playing information.
MUSIC/ AUDIO	33	Changes the audio language for disc playback.			Selects Music mode.	
EJECT (⏏)	34	Ejects the disc.	Ejects the disc.	Ejects the disc.	Ejects the disc.	Ejects the disc.
SRC	35	Selects playing mode.	Selects playing mode.	Selects playing mode.	Selects playing mode.	Selects playing mode.

OPERATING INSTRUCTIONS

Power On / Off

Press the **Power On/Off (⏻)** button to turn the unit on. The buttons on the front of the unit light up and the current mode status appears on the LCD. Press and hold the button to **Power On/Off (⏻)** power off the unit.

Audible Beep Confirmation

An audible beep tone confirms each function selection. The Beep tone can be disabled through the Setup menu.

Mute

Momentarily press the rotary encoder to activate the MUTE function. Press again to resume normal listening. If the MUTE wire is connected, audio output mutes when a phone call is received by the mobile phone.

Playing Source Selections

Front Source Menu

Source Menu Page 1

Source Menu Page 2

You can use the touch screen to change the source through the SOURCE MENU. To access the SOURCE MENU, touch the top left corner of the screen or press the SRC button. The SOURCE MENU consists of two pages. Swipe across the screen to go from one page to another. Touch the Radio, SXM, F-USB (Front USB), NAV, BT (Bluetooth), AUX1, AUX2, Camera, SOHC, Disc, R-USB (Rear USB) or SWC (Steering Wheel Controls) icons to select the corresponding source.

NOTE: If an iPod® is attached to a USB port, "iPOD" appears instead of the text "F-USB" or "R-USB."

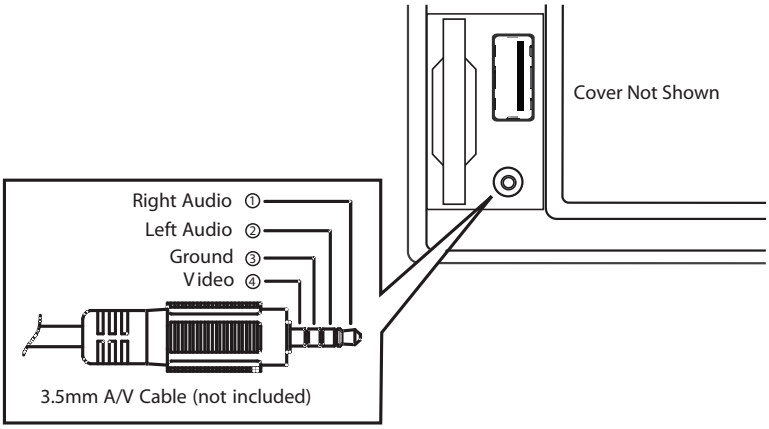
Rear Source Menu

The Rear Source Menu Screen allows you to select an audio/video source for your vehicle's rear zone. Touch the Disc, SOHC, F-USB (Front USB), R-USB (Rear USB), AUX1or AUX2 icons to select the corresponding source

NOTE: If an iPod® is attached to a USB port, "iPOD" appears instead of the text "F-USB" or "R-USB."

External Devices

External peripheral devices, including a game console, camcorder, navigation unit, iPod®, Zune, etc. can be connected to this unit via RCA output using an A/V Media Adapter Cable (not included).



Connect the external device to the A/V Media Adapter Cable and then plug the cable into the A/V INPUT connector on the front of the radio. Select "AUX IN" mode to access auxiliary devices. You cannot directly control external devices connected to the A/V INPUT. For information regarding the use of USB devices, see "Inserting a USB Device or SD Card".

Volume Adjustment

Volume Increase/Decrease

To increase or decrease the volume level, turn the rotary encoder on the front panel. When the volume level reaches "0" or "50", a beep sounds, indicating that the adjustment limit has been reached. The TFT screen displays the volume level for 3 seconds.

Programmable Turn-On Volume

This feature allows the user to select a turn-on volume setting regardless of the volume setting prior to turning the unit off. To program a specific turn-on volume level, turn the rotary encoder to adjust the volume to the desired turn-on volume. Push and hold the rotary encoder while the speaker icon and level indication is displayed on the screen. The unit will beep to confirm your turn-on volume setting.

Equalizer and Balance/Fader Controls

The equalizer and balance/fader controls allow you to easily adjust your audio system to meet the acoustical characteristics of your vehicle, which vary depending on the type of vehicle and its measurements. Proper setting of the Fader and Balance boosts the effects of the cabin equalizer.

Equalizer Screen

Touch the **EQ** button display the equalizer screen.

Table 2: Equalizer Adjustments

Setting	Adjustable Range	Function
BASS	-12 to +12	Reduces or increases the bass frequency sound level. Touch the **+** or **-** buttons to adjust the settings.
MID	-12 to +12	Reduces or increases the mid-range frequency sound level. Touch the **+** or **-** buttons to adjust the settings.
TREBLE	-12 to +12	Reduces or increases the high frequency sound levels. Touch the **+** or **-** buttons to adjust the settings.

Preset EQ Selection

Equalizer presets apply a preset sound level to the unit's audio output signal.

Touch the User, Acoustic, Urban, Rave, Latin, Dance, Hip Hop or Rock button to change the setting.

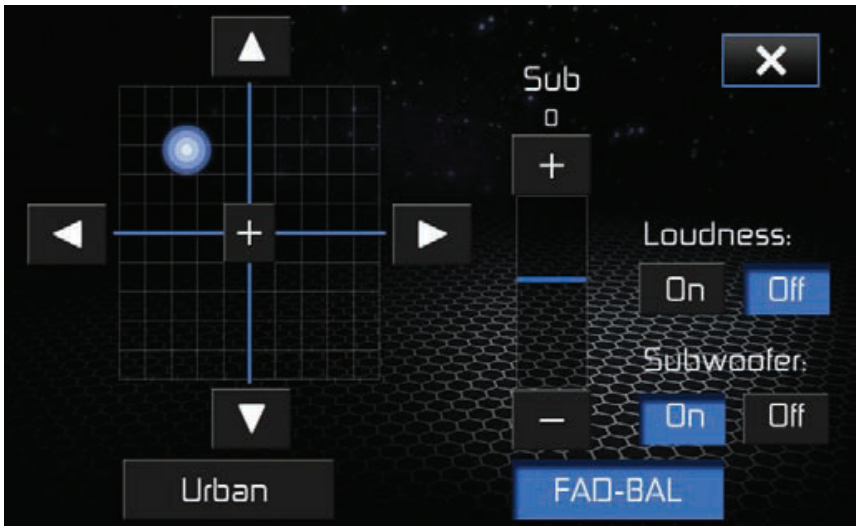
NOTE: The equalizer will automatically change to "USER" when individual audio functions are adjusted.

To Exit the Equalizer:

- Touch the **X** button on the top right corner of the screen to return to the source screen.
- Touch the **BAL-FAD** button to display the balance/fader screen.

Balance/Fader Screen

Touch the **BAL-FAD** button on the left side of the equalizer screen to display the balance/fader screen.



◄ or ► (Balance) icon:
Balances the audio output levels between the left and right side of the vehicle. Touch the ◄ or ► icon to change the setting.

▲ or ▼ (Fade) icon:
Balances the audio output levels between the front and back side of the vehicle. Touch the ▲ or ▼ icon to change the setting.

Sub icon:
Reduces or increases the subwoofer sound level. Touch the **+** or **-** buttons to adjust the settings.

Loudness On/Off icon:
Loudness automatically alters the frequency response curve of audio to make it sound more natural when played at a lower volume level. Press the **On** icon to turn loudness compensation on. Press the **Off** icon to turn loudness compensation off.

Subwoofer On/Off icon:
Press the **On** icon to turn the vehicle's subwoofer on (if equipped). Press the **Off** icon to turn the vehicle's subwoofer off.

To Exit the Balance-Fader:

- Touch the **X** button on the top right corner of the screen to return to the source screen.
- Touch the **EQ** button to display the equalizer screen.

System Reset

To correct a system halt or other illegal operation, use the tip of a pen to press the reset button located over the rotary encoder. After a system reset, the unit restores all factory default settings.

[RESET] Button

NOTE: If the unit is reset while a DVD is playing, the DVD resumes play once the reset is complete.

Image/Display Settings

Video Output Modes

Table 3 shows the video output mode for each playing source.

Table 3: Video Output Modes

Playing Source	Video Output Modes
AM/FM TUNER	YCbCr Mode
DVD	YCbCr Mode
AUX IN	CVBS* Mode

*CVBS – Composite Video Baseband Signal

Parking Brake Inhibit

- When the pink "Parking" wire is connected to the vehicle Parking Brake circuit, the front TFT monitor will display video when the Parking Brake is engaged. (When the pink wire is grounded via the Parking Brake circuit, video will be displayed.)

STEERING WHEEL CONTROLS (SWC) (if equipped)

The VM9725BT is compatible with the PAC (Pacific Accessory Corporation) SWI-PS and Metra ASWC steering wheel control adapters. A 3.5mm female connector (labeled "SWC Interface") on the back of the head unit allows connectivity to the adapters. Please refer to the instructions included with the adapters for detailed installation information.

SWC Functions

The following controls are available for most vehicles:

1. Volume Up
2. Volume Down
3. Mute
4. Seek Up
5. Seek Down
6. Source
7. Band
8. Bluetooth Send
9. Bluetooth End

**All SWC functions may not be available on some vehicles.

SETTINGS MENU

When using the VM9725BT for the first time, it is recommended that you customize the system settings to suit your preferences. You may also change the settings at any time.

To access system settings:

1. Touch the **Settings** button on the Source Menu screen to enter the SETTINGS MENU. The General Sub-menu appears highlighted in blue.

2. Touch a sub-menu name icon (Video, General, Time, etc.) to select a sub-menu. The settings available for adjustment under the highlighted sub-menu option will appear in the left of the screen.
3. Touch an item on the touchscreen to select the setting to be adjusted. Touch the ▲ or ▼ icon to scroll up or down the settings list page, if applicable. An options field, showing the current selected option, appears on the right.
4. Touch the option field to change the setting you want to adjust. The setting option is updated.

Video Sub-menu Settings

Setting	Options	Function
Aspect Ratio	Full	The entire screen is extended horizontally to the aspect ratio of 16 to 9. The extension ratio is the same at any point.
	Normal	The conventional display image has a 4 to 3 ratio of horizontal to vertical, leaving a blank area on the right and left sides of the display.
Rear Camera	Mirror	Reverse the camera image as if looking through a rear-view mirror.
	Normal	
Rear Camera Audio	On	Enable rear camera audio function.
	Off	Disable rear camera audio function.

NOTE: If the rear-view video camera is connected and the unit is on, Camera mode is selected upon shifting into REVERSE gear. If the monitor is in display mode, the monitor automatically switches to CAMERA mode upon reverse driving. When the reverse driving stops, the monitor returns to its original input mode.

General Sub-menu Settings

Setting	Options	Function
User Interface Color	Aqua	This setting allows the user to select five pre-defined LED colors for the front panel illumination.
	Red	
	Blue	
	Amber	
	Green	
Tuner Region	USA	• AM Frequency Spacing - 10 kHz • AM Frequency Band - 530 kHz ~ 1720 kHz • FM Frequency Spacing - 200 kHz • FM Frequency Band - 87.5 MHz ~ 107.9 MHz
	Europe	• AM Frequency Spacing - 9 kHz • AM Frequency Band - 522 kHz ~ 1620 kHz • FM Frequency Spacing - 50 kHz • FM Frequency Band - 87.5 MHz ~ 108.0 MHz
TFT Standby	Off	Screen remains on continuously.
	10s	Screen goes blank (standby mode) after 10 seconds of inactivity. Touch the screen to exit standby and view the display.
	20s	Screen goes blank (standby mode) after 20 seconds of inactivity. Touch the screen to exit standby and view the display.
Dimmer Mode	Auto	This setting dims the LCD screen when the vehicle's headlights are turned on. FIve settings are pre-defined.
	Night	
	Dark	
	Normal	
	Bright	
RGB Light	Adjust	This setting allows the user to tune the RGB colors of the LEDs to obtain an exact match for their vehicle.

Beep	Off	No beep sounds.
	On	When turned on, an audible beep tone confirms each function selection.
Background	Animation Star	Allows the user to select a screen background. The Wallpaper will not appear on the Main Source Menu, Camera source or EQ settings page.
	Starry Sky	
	Black	
	Animation Fireworks	
	Animation Wave	
	User Defined	
Calibration	Start	Press to access the touch screen calibration function.
Demo	On	Display various user interface TFT display pages. Displays the Equalizer and Settings menu pages.
	Off	

Touch Screen Calibration

To access the "Touch Screen Calibration" function from the General sub-menu:

1. Select the "Calibration" Start option. A calibration test pattern appears on the screen.
2. To begin calibration, touch and hold the crosshair (**+)** that appears in the "1" icon in the center of the screen. After about one second, the crosshair moves to the "2" icon in the quadrant.
3. Continue for each quadrant until the calibration is completed.

Demo Mode Features

The Demo mode is to On (Auto run) by default. The Demo mode will display various user interface TFT display pages such as the Radio, Disc, Aux In, and Camera sources. The Demo mode will also display the Equalizer and Settings menu pages. Touching any portion of the touch screen will pause the Demo mode temporarily. If the touch screen is not pressed again (within 30 seconds) the Demo mode will resume.

To turn the Demo mode off, access the General Sub-menu Settings and turn Demo to Off.

Time Sub-Menu Settings

Setting	Options	Function
Date	mm/dd/ yyyy	
Clock Mode	12Hr	Clock displays 12 hour time using AM and PM.
	24Hr	Clock displays 24 hour time up to 23:59.
Time	(HH:MM)	Clock appears in the top right corner of the screen during certain operations. ***NOTE: The AM/PM indication will change as you continue to adjust the hour past 12.***

Sound Sub-menu Settings

Setting	Options	Function
Sub Woofer Filter	80 Hz	Select a crossover frequency to set a cut-off frequency for the subwoofer's LPF (low-pass filter).
	120 Hz	
	160 Hz	
DRC	Off	Employ the Dynamic Range Control for better playback for low volumes.
	On	

Language Sub-menu Settings

If a DVD supports more than one subtitle or audio language, all the languages are available for selection during playback. If the selected language is not supported by the DVD, then the default language is used.

Setting	Options	Function
OSD	English	On Screen Display appears in English.
	French	On Screen Display appears in French.
	Portuguese	On Screen Display appears in Portuguese.
	Spanish	On Screen Display appears in Spanish.
DVD Audio	English	Audio is heard in English when the option is available.
	French	Audio is heard in French when the option is available.
	Portuguese	Audio is heard in Portuguese when the option is available.
	Spanish	Audio is heard in Spanish when the option is available.
DVD Subtitle	English	DVD subtitles automatically appear in English when available.
	French	DVD subtitles automatically appear in French when available.
	Portuguese	DVD subtitles automatically appear in Portuguese when available.
	Spanish	DVD subtitles automatically appear in Spanish when available.
	Off	DVD subtitles do not appear.
Disc Menu	English	DVD menu (if applicable) is displayed in English.
	French	DVD menu (if applicable) is displayed in French.
	Portuguese	DVD menu (if applicable) is displayed in Portuguese.
	Spanish	DVD menu (if applicable) is displayed in Spanish.

Bluetooth Sub-Menu Settings

Setting	Options	Function
Bluetooth	On	Enable Bluetooth function.
	Off	Disable Bluetooth function.
Auto Connect	On	Connect the last active mobile phone by touching the Pair icon when disconnected.
	Off	Automatically connect when your paired phone is in range
Auto Answer	On	The unit automatically answers all incoming calls.
	Off	Manually answer calls by touching the call icon.
Microphone	Internal	Selects internal microphone for Bluetooth calls.
	External	Selects external microphone for Bluetooth calls (if installed).
Pairing Code	xxxx	The default code is "1234" or "0000" depending on the phone. Touch the keypad icon to open the keypad and enter the pairing code or pass key required for Bluetooth connection to your mobile phone. Not all phones/devices require a pairing code.

DVD Rating Sub-menu Settings

The DVD system has a built-in parental lock feature to prevent unauthorized persons from viewing restricted disc content. By default, the rating system is unlocked. Once set up, the parental lock is released only by entering the correct password. Once the password is entered, rating is available for setup.

Setting	Options	Function
Set Password	_ _ _ _	Enter a 4-digit password to activate the "Rating" feature
Rating Level	Kid Safe	Select the appropriate rating level for the intended audience. You may override higher ratings by using your password.
	G	
	PG	
	PG-13	
	PG-R	
	R	
	NC-17	
	Adult	
Factory Default	Reset	Select "Reset" to restore the factory default settings for the Rating system only.
OS		Current OS version.
MPU		Current MPU version.
MCU		Current MCU version.
MPEG		Current MPEG version.

To reset the password, access the "Rating Level" option and enter the current password. Once the correct password is entered, you can access the "Password" field and enter a new one.

NOTE: Record the password and keep it in a safe place for future reference. The rating for each disc is marked on the disc, disc packing, or documentation. If the rating is not available on the disc, the parental lock feature is unavailable. Some discs restrict only portions of the disc, allowing the appropriate content will play. For details, please refer to the disc description.

Volume Sub-menu Settings

Setting	Options	Function
DVD	0 - 12	Increase or reduce the relative DVD volume.
USB	0 - 12	Increase or reduce the relative USB volume.
SD	0 - 12	Increase or reduce the relative SD volume
Radio	0 - 12	Increase or reduce the relative radio volume.
Bluetooth	0 - 12	Increase or reduce the relative Bluetooth volume.
AV-IN1	0 - 12	Increase or reduce the relative AV-IN1 volume.
AV-IN2	0 - 12	Increase or reduce the relative AV-IN2 volume.
Navigation	0 - 12	Increase or reduce the relative navigation volume.
iPod	0 - 12	Increase or reduce the relative iPod® volume.
SXM	0 - 12	Increase or reduce the relative SiriusXM® volume.

Exiting the System Settings Menu

To exit setup mode and resume normal playback, touch the **Setting** button on the screen.

TUNER OPERATION

Tuner TFT Display Screen

1. **RADIO** icon: Touch to view the SOURCE MENU and select a new playback source.
2. Current radio band indicator.
3. Stereo broadcasting indicator.
4. **Local/Distance** Indicator: Strong local signal broadcasting indicator.
5. Equalizer setting indicator: Displays the current equalizer preset setting.
6. **EQ** icon: Touch for quick access to Equalizer level settings screen.
7. Clock: Displays the time as entered by the user in the settings menu.
8. Program Information: This indicator provides three types of information: PS, RT, and PTY. PTY displays the program category of the current station such as category (news, sports, talk etc.). RT/PS provide the current song title, current song title, performing artist, and station call letters.
9. Radio frequency indicator.
10. ⏭ icon: Touch to seek forward .
11. ► icon: Touch to tune forward one step.
12. ◄ icon: Touch to tune backward one step.
13. ⏮ icon: Touch to seek backward.
14. **Option** icon: Touch to display the Options Screen.
15. **Mute** icon: Press this icon to mute the audio output of the unit. Press again to un-mute the volume.
16. **Direct Entry** icon: Touch to access the direct entry screen.
17. **AS:** Touch to automatically store stations.
18. **Band** icon: Touch to change between AM/FM bands.
19. Presets provides a display of the preset frequencies. Touch to recall preset stations.

Options Screen

Touch the **Options** icon to display the Options Screen.

RDS ON/OFF:
Radio Data System (RDS) enables traffic reports to be received and provides many facilities, including enabling the radio station name to be displayed on the radio display.

CT ON/OFF:
(Clock Time, RDS feature) When enabled the radio system clock is synchronized with broadcasters time signal setting the clock automatically. In some regions where daylight savings time is not adhered to, the system clock will be off by 1 hour. In these cases, set CT to OFF and manually set the clock.

Mode Local/Distance:
This allows the user to activate local station reception function. When the Local function is on, only radio stations with a strong local radio signal are played.

PTY List:
Program type (PTY) allows users to find similar programming by genre. Touch to access the program type search screen.

Switching to Radio Tuner Source

- Touch the top left corner of the screen (the RADIO box) to view the SOURCE MENU. Touch "Radio".
- Press the **SRC** button on the front panel to switch to the AM/FM or RADIO source.

Selecting FM/AM Band

Touch the **BAND** icon on the screen to change between the following bands: FM1, FM2, FM3, AM1, and AM2.

Tuning to a Station

Seek Tuning

To seek the next higher station, touch the ⏭ icon.

To seek the next lower station, touch the ⏮ icon.

Manual Tuning

To increase or decrease the tuning frequency one step, touch the ◄ or ► icon.

Direct Tuning

1. To enter a radio station directly, touch **Direct Entry** to display the Direct Entry Menu.

2. Enter the desired radio station frequency using the on-screen number pad. If you wish to delete an entry number touch the red **X** on the keypad. Press **ok** to tune to the selected station. To exit the screen without changing the station, touch the **X** in the upper right corner.

Using Preset Stations

Six numbered preset buttons store and recall stations for each band. All six stored stations (P1-P6) for the current band appear on the screen.

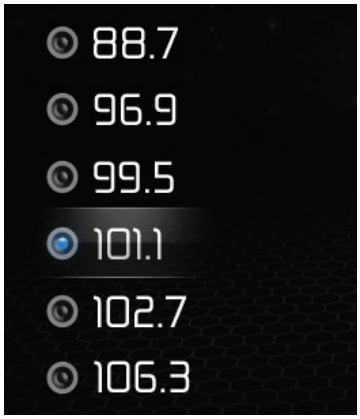
Storing a Station

1. Select a band (if needed), then select a station.
2. Touch the on-screen **Mem** icon to access the Preset Screen.

3. Touch the preset number in which you would like to store the current station (or touch **X** to cancel and close the menu). The station frequency is displayed at the top of the menu. The preset number will appear highlighted. The station frequency will be stored in the highlighted preset. The station will be displayed on the Tuner TFT Display Screen.

Recalling a Station

1. Select a band (if needed).
2. Touch an on-screen preset icon to select the corresponding stored station.



Auto Store (AS)

Auto Store is most useful when travelling in an area where you are not familiar with the local stations. The Auto-Store Tuning feature will automatically scan and enter up to eighteen FM strong stations into the preset memory locations for the FM1, FM2 and FM3 bands or twelve strong AM stations into the preset memory locations for the AM1 and AM2 bands. Each band stores up to six preset stations.

To select six strong stations and store them in the current band:

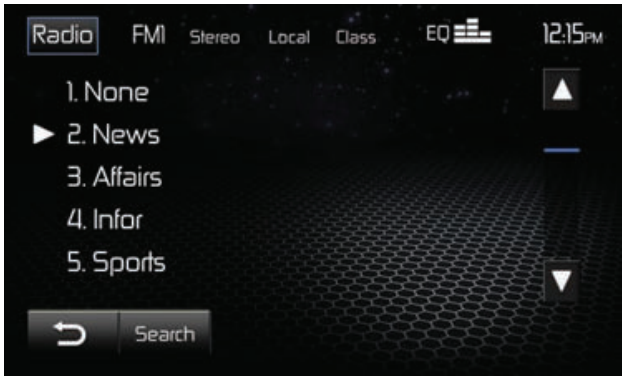
1. Select a band (if needed).
2. Touch the **AS** icon on the on-screen controls to activate the Auto Store function. The Auto Store Search Screen appears.

The radio searches from the current frequency and checks the signal strength until one cycle search is finished. The new stations replace stations already stored in that band. If you have already set the preset memories to your favorite stations, activating the Auto-Store feature will erase those stations and enter the new strong stations.

Search for Station by Program Type

Program type (PTY) allows users to find similar programming by genre.

1. From the Tuner TFT Display, touch the **Options** icon to display the Options Screen.
2. Touch the **PTY List** icon to display the Program Type Screen.



3. Touch a program type, then touch the **Search** icon. The unit searches for the respective stations and stops when a station is found.
   Note: Touch the ▲ or ▼ icon to scroll up or down the page.

Local Radio Station Seeking

When the Local function is on, only radio stations with a strong local radio signal are played.

To activate the Local function in the AM/FM tuner mode:

1. Touch the **Options** icon on the Tuner TFT Display Screen. The Options Screen appears.
2. Touch the **Mode Local/Distance** icon to turn the local function on or off.

When the Local function is active, the Local indicator at the top of the screen is illuminated. When the Distant function is active, the Distance indicator at the top of the screen is illuminated.

DVD/VCD VIDEO OPERATION

NOTE: When properly installed, DVD video cannot be displayed on the main TFT screen unless the parking brake is applied. If you attempt to play a DVD while the vehicle is moving, the TFT screen displays:

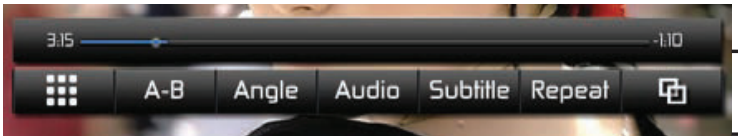
DVD/VCD TFT Display

WARNING !!!

It is illegal to view video while driving or operating a motor vehicle. Set the parking brake to view video.

To access the on-screen controls, touch the bottom 1/3 of the screen while a DVD is playing. Touch ⧉ to view a second page of controls.

Menu
Page 1



Menu
Page 2

Menu Page 1

1. Elapsed Time Indicator: Displays the total playing time and elapsed of the current movie playing.
2. ▦ icon: Touch to select a chapter/track directly using the on-screen display direct entry menu display.
3. ■ icon: Touch to stop DVD playback.
4. ⏮ icon: Touch to move to previous chapter.
5. ■ / ► (Pause / Play) icon: Touch the ⏸ icon to pause playback. Touch the ► icon to begin playback.
6. ⏭ icon: Touch to advance to the next chapter on the DVD.
7. **Mute** icon: Press this icon to mute the audio output of the unit. Press again to un-mute the volume.
8. ⧉ icon: Touch to go to Menu Page 2.

Menu Page 2

9. ▦ icon: Touch to select a chapter/track directly using the on-screen display direct entry menu display.
10. **A-B** icon: Touch to repeat a specific portion from point A to point B of the DVD disc.
11. **Angle** icon: Touch to view angles if the DVD contains scenes shot from different angles.
12. **Audio** icon: Touch during playback to select to select the audio language. Each time the icon is touched a different audio language is selected if you are watching a disc recorded in multiple languages.
13. **Subtitle** icon: Touch during playback to select the subtitle language if the disc is recorded in multiple languages. Each time the icon is touched a different subtitle language is selected. The subtitle function can also be turned on or off.
14. **Repeat** icon: Touch during playback to repeat the current chapter. Touch the icon a second time to repeat the current title. Touch the icon a third time to turn the repeat function off.
15. ⧉ icon: Touch to go to Menu Page 1.

Controlling Playback

Inserting a Disc

Upon inserting a DVD disc, DVD mode is entered and disc play begins.

NOTE: If Parental Lock (Rating) is activated and the disc inserted is not authorized, the 4-digit code must be entered and/or the disc must be authorized (see "Rating Sub-menu Features").

You cannot insert a disc if there is already a disc in the unit or if the power is off.

NOTE: DVD-R and DVD-RW will not play unless the recording session is finalized and the DVD is closed.

Ejecting a Disc

Press the **EJECT** (▲) button on the front of the unit to eject the disc. The unit automatically reverts to Tuner mode. You may eject a disc with the unit powered off. The unit will remain off after the disc is ejected.

Resetting the Loading Mechanism

If the disc loads abnormally or an abnormal core mechanism operation occurs, touch and hold the **EJECT** (▲) button to reset the loading mechanism. Normal operation resumes.

Accessing DVD Mode

To switch to DVD mode when a disc is already inserted, touch **SRC** on the front panel to access the source menu. Touch the disc icon.

Repeat Playback

Touch the **Repeat** icon to alter repeat mode in the following sequence:

- DVD: Repeat Chapter, Repeat Title, Repeat Off
- VCD (PBC Off): Repeat Single, Repeat Off

NOTE: For VCD play, the repeat function is not available if PBC is on.

Sectional Repeat Function (A-B)

Use the **A-B** function to define a specific area of a disc to repeat.

- Touch **A-B** on the second page of DVD on-screen controls to set the start point (A) of the repeated section.
- Touch **A-B** again once you reach the desired end point (B) of the repeated section. The selected portion of the DVD will now repeat continuously.
- Touch **A-B** a third time to cancel the A-B section setting and stop repeat play.

Accessing the DVD Source Menu

- Press the **MENU** button on the remote control to recall the DVD source menu. Touch to select a title from the menu.
- Touch the **TITLE** button on the remote control to select a different title for playback.
- Select a title using the touch screen.

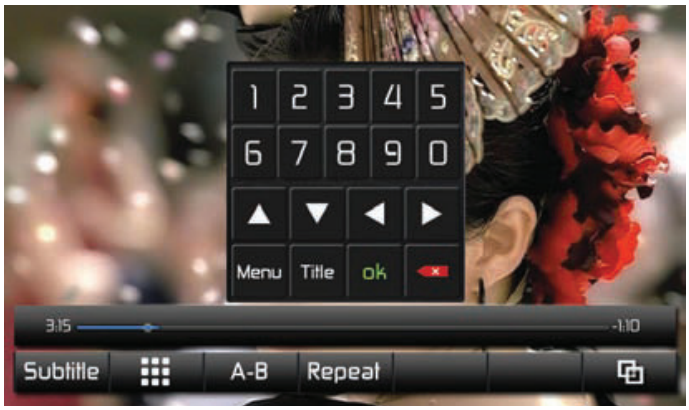
Moving Through Chapters

Touch the ⏭ icon to advance to the next chapter.

Touch the ⏮ icon to move to the previous chapter.

Direct Chapter / Track Selection

To select a chapter/track directly, touch the on-screen ▦ icon to display the direct entry menu.



Enter the desired chapter/track using the on-screen number pad. Touch the **ok** icon to enter your selection. To clear an entry and start over, touch the red **X** icon.

Viewing an Alternate Picture Angle (DVD Only)

Some DVDs contain scenes that have been shot simultaneously from different angles. For discs recorded with multiple angles, touch **Angle** on the second page of DVD on-screen controls to toggle available angles of the on-screen image.

Multi-Language Discs (DVD Only)

Changing Audio Language

If you are watching a disc recorded in multiple languages, touch **Audio** on the second page of DVD on-screen controls to choose a language. Each time the icon is touched the language will change.

Changing Subtitle Language

If you are watching a disc recorded in multiple languages with subtitles, touch **Subtitle** on the second page of DVD on-screen controls to choose the language in which you would like the subtitles to appear.

NOTE: During VCD playback, touch the AUDIO on the second page of DVD on-screen controls to choose between Left Channel, Right Channel, and Stereo.

PBC - Play Back Control (VCD Only)

For VCDs with play back functionality, play back control (PBC) provides additional controls for VCD playback.

Touch PBC on the first page of DVD on-screen controls to toggle the PBC function "On"/"Off". Once PBC is on, playback starts from track one of the play list.

NOTE: When PBC is activated, fast forward, slow playback, and previous/next track are available. Repeat and direct track selection are not available.

When PBC is activated, selecting random, scan or search playback automatically deactivates PBC.

Playback Information

During DVD and VCD playback, touch the center of the screen to display playback information on the screen, including the media playing and current playback time.

DVD Playback Information

- DVD Video – Format of current disc.
- Time 00:01:30/00:36:10 – Indicates the playback time of the current track.
- Title 5/08 – Indicates the fifth of 8 titles on the DVD is currently playing.
- Chapter 2/16 – Indicates that the second of 16 chapters on the DVD is currently playing.

VCD Playback Information

- VCD2.0 – Format of current disc.
- Time 00:01:30/00:36:10 – Indicates the playback time of the current track.
- PBC On/Off – Indicates whether Play Back Control is On or Off.

General Disc Information

Table 4: Disc Properties

Symbol	12cm Disc Properties	Max Play Time
DVD VIDEO DVD VIDEO	Single side single layer (DVD-5) Single side double layer (DVD-9) Double side single layer (DVD-10) Double side double layer (DVD-18)	(MPEG 2 Method) 133 minutes 242 minutes 266 minutes 484 minutes
COMPACT disc	Single side single layer (VCD)	(MPEG 1 Method) 74 minutes
COMPACT disc DIGITAL AUDIO	Single side single layer	74 minutes

Table 5: Disc Symbols

Symbol	Meaning
8	Number of voice languages recorded. The number inside the icon indicates the number languages on the disc (maximum of 8).
32	Number of subtitle languages available on the disc (maximum of 32).
9	Number of angles provided (maximum of 9).
16:9 LB	Aspect ratios available. "LB" stands for Letter Box and "PS" stands for Pan/Scan. In the example on the left, the 16:9 video can be converted to Letter Box video.
ALL	Indicates the region code where the disc can be played. • Region 1: USA, Canada, East Pacific Ocean Islands • Region 2: Japan, Western Europe, Northern Europe, Egypt, South Africa, Middle East • Region 3: Taiwan, Hong Kong, South Korea, Thailand, Indonesia, South-East Asia • Region 4: Australia, New Zealand, Middle and South America, South Pacific Ocean Islands/Oceania • Region 5: Russia, Mongolia, India, Middle Asia, Eastern Europe, North Korea, North Africa, North-West Asia • Region 6: Mainland China • ALL: All regions

DVD/CD AUDIO OPERATION

Instructions for TFT control and Insert/Eject are the same for DVD and CD operation. Please see the DVD/Disc Video Operation section for information about these topics.

Media Requirements

The VM9725BT will play music or other audio files from the following disc media:

- CD-DA
- CD-R/RW
- DVD
- DVD+R/RW
- DVD-R/RW

Upon inserting a disc, the disc and track title (if available), along with the track number and playing time appear on the screen.

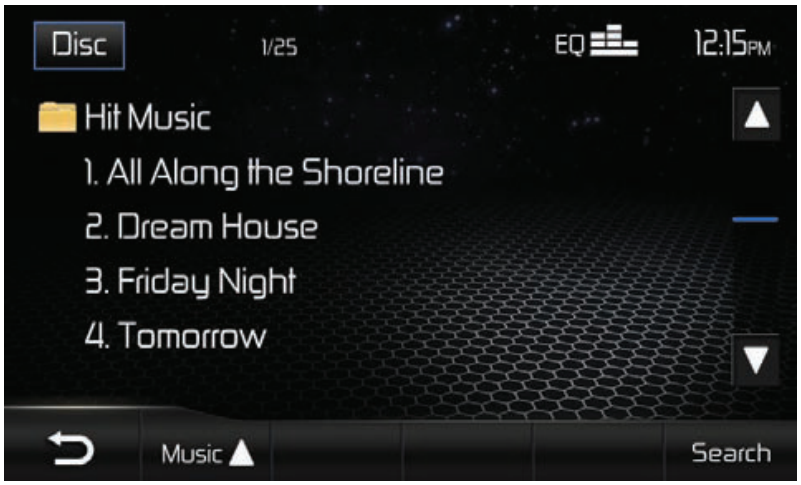
CD TFT Display

The on-screen indicators and touch key areas for CD playback are outlined below.

1. **Disc** icon: Touch to view the SOURCE MENU and select a new playback source.
2. Track Indicator: Displays the current track number playing and total number of tracks on disc.
3. EQ : Touch for quick access to the Equalizer level settings menu.
4. Clock: Displays the time as entered by the user in the settings menu.
5. (Repeat) icon: Touch to alter repeat mode as follows: Repeat Single > Repeat Folder > Repeat All > Repeat Off
6. (Random) icon: Touch to alter random mode as follows: Random On > Random Off
7. (Next) icon: Touch to play the next track.
8. ■ / ► (Pause / Play) icon: Touch the ▮▮ icon to pause playback. Touch the ► icon to begin playback.
9. (Previous) icon: Touch to play the previous track.
10. List icon: Touch to display the Playlist screen.
11. Elapsed time Indicator: Displays the elapsed and total playing time of the current track playing.
12. Playback Information Display: Displays song, artist, and album information.

Playlist Screen

The Playlist screen allows you to directly search for music on your disc.



- Touch a track title (if available) or track number to begin playback of that track.
- Touch the ▲ or ▼ icon to scroll up or down the page.
- Touch the **Search** icon to access the Disc Search Screen.

Disc Search Screen

Enter the desired track the on-screen number pad. If you wish to delete an entry number touch the red **X** on the keypad. Press **ok** to play to the selected track. To exit the screen without changing the station, touch the **X** in the upper right corner.

Controlling Playback

Inserting a Disc

Upon inserting a CD, disc play begins. You cannot insert a disc if there is already a disc in the unit or if the power is off.

Ejecting a Disc

Press the **EJECT** (⏏) button on the front of the unit to eject the disc. The unit automatically reverts to Tuner mode.

You may eject a disc with the unit powered off. The unit will remain off after the disc is ejected.

Resetting the Loading Mechanism

If the disc loads abnormally or an abnormal core mechanism operation occurs, press and hold the **EJECT** (⏏) button to reset the loading mechanism. Normal operation resumes.

Pausing/Resuming Playback

Touch the ⏸ icon to pause playback. Touch the ▶ icon to resume playback.

Moving Through Tracks

Touch the ⏭ icon to advance to the next track on the disc.

Touch the ⏮ icon to move to the previous track.

Repeat Playback

Touch the 🔁 icon to alter repeat mode according to the following:

- DVD: Repeat Single > Repeat Folder > Repeat All > Repeat Off
- CD-DA: Repeat Single > Repeat Folder > Repeat All > Repeat Off
- CD-R/RW: Repeat Single > Repeat Folder > Repeat All > Repeat Off
- DVD-R/RW: Repeat Single > Repeat Folder > Repeat All > Repeat Off
-

Random Play Select

Touch the 🔀 icon to play the tracks on the disc in a random, shuffled order. Touch the 🔀 icon again to cancel Random Play mode.

NOTE: CD-R and CD-RW will not play unless the recording session is finalized.

MP3/WMA OPERATION

Instructions for TFT control and Insert/Eject are the same for DVD and MP3 operation. Please see the DVD/Disc Video Operation section for information about these topics.

Media and File Requirements

This player allows you to play back MP3 and WMA files recorded onto CD-R/RWs, DVD+R/RWs, and DVD-R/RWs. For CD-RW discs, please make sure it is formatted using the full method and not the quick method to prevent illegal disc operation.

For the greatest file capacity, Dual Layer DVD's can be used when burning music to a disc. .

MP3 Format Compatibility

The file naming formats listed below are compatible with this unit:

- ISO 9660 – file name: 12 characters, file extension: 3 characters
- ISO 9660 – file name: 31 characters, file extension: 3 characters
- Joliet – 64 characters

If the file or folder name does not conform to ISO 9660 file system standards, it may not be displayed or played back correctly. Use the following settings when compressing audio data for your MP3 disc:

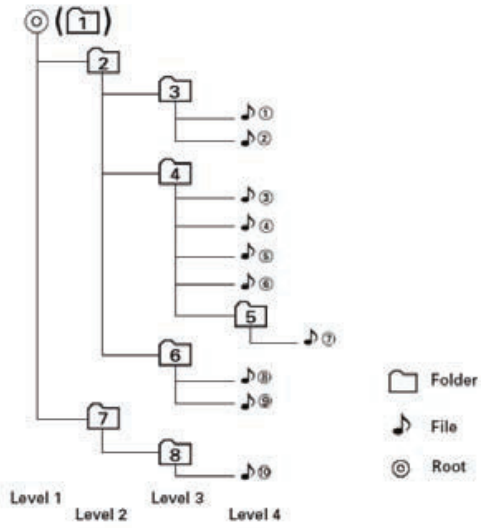
- Transfer Bit Rate: 128kbps
- Sampling Frequency: 48kHz

When recording MP3 up to the maximum disc capacity, disable additional writing. For recording on an empty disc up to maximum disc capacity, use the "Disc at once" setting.

MP3 Playing Order

When selected for play, files and folders (Folder Search, File Search or Folder Select) are accessed in the order they were written by the CD writer. As a result, the order in which they are expected to be played may not match the order in which they are actually played. You may be able to set the order in which MP3/WMA files are to be played by writing them onto a medium such as a CD-R with their file names beginning with play sequence numbers such as "01" to "99".

For example, a medium with the following folder/file hierarchy is subject to Folder Search, File Search or Folder Select, as shown below.

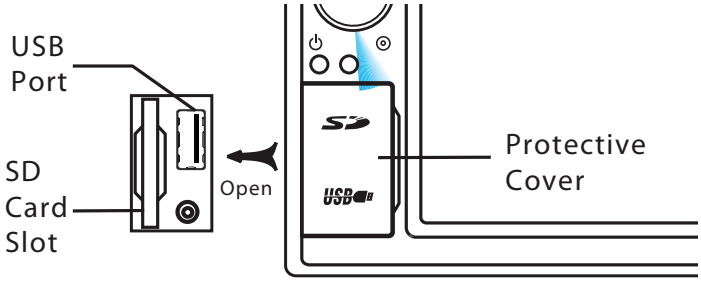


The VM9725BT player will only recognize three folder levels and does not display folders containing only other folders. In the example above, the unit will display folders 3, 4, 6, and 8, but not 2 and 7 since they do not contain any tracks directly. Folder 5 is not recognized at all since it is at the fourth level.

Inserting a USB/SD Card Device

NOTE: Front and rear USB ports are for either Apple iPod® / iPhone® devices, USB memory sticks or portable HDD. The rear 3.5mm connector (bundled with the USB port) is for iPod® / iPhone® video only. The USB/SD ports will recognize most USB/ SD flash memory devices and portable hard drives. The unit supports 8GB SD cards however SD cards larger than 8GB may not be recognized. Portable hard drives (hard drives must be formatted to FAT32 and NTFS is not supported).

1. Locate the USB/SD connector on the front of the radio.



2. Lift the protective cover to reveal the USB/SD slots.
3. Insert the USB/SD device into the USB/SD connectors. The unit will read the audio/video files on the USB/SD device automatically.

To remove the USB/SD device, press the **SRC** button or use the SOURCE MENU to switch to another mode, and then remove the USB/SD device from the connector.

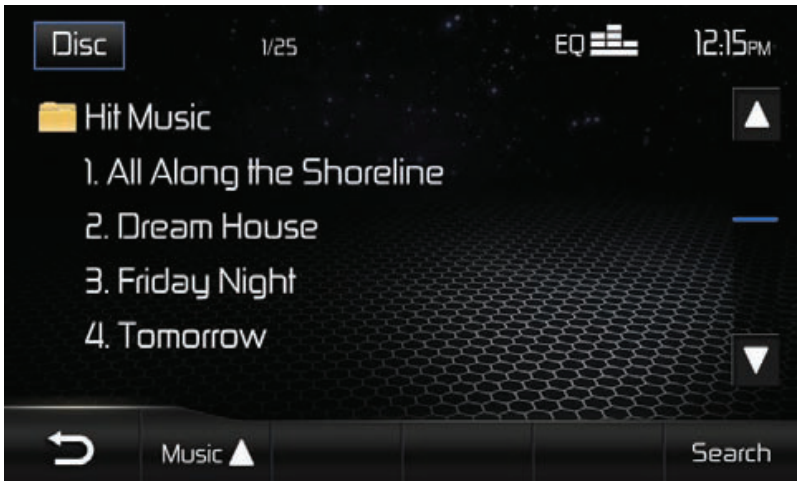
MP3/WMA TFT Display

The on-screen indicators and touch key areas for MP3/WMA playback are outlined below.

1. **Disc** icon: Touch to view the SOURCE MENU and select a new playback source.
2. Track Indicator: Displays the current track number playing and total number of tracks on disc.
3. EQ : Touch for quick access to the Equalizer level settings menu.
4. Clock: Displays the time as entered by the user in the settings menu.
5. (Repeat) icon: Touch to alter repeat mode as follows: Repeat Single > Repeat Folder > Repeat All > Repeat Off
6. (Random) icon: Touch to alter random mode as follows: Random On > Random Off
7. (Next) icon: Touch to play the next track.
8. ■ / ► (Pause / Play) icon: Touch the ▮▮ icon to pause playback. Touch the ► icon to begin playback.
9. (Previous) icon: Touch to play the previous track.
10. List icon: Touch to display the Playlist screen.
11. Elapsed time Indicator: Displays the elapsed and total playing time of the current track playing.
12. Playback Information Display: Displays song, artist, and album information.

Playlist Screen

The Playlist screen allows you to directly search for music, video or photo files stored on your MP3 disc/USB device.



- Touch a folder to view the contents of the directory or touch a track title/file name to begin playback of that file.
- Touch the ▲ or ▼ icon to scroll up or down the page.
- Touch the **Search** icon to access the Disc Search Screen.

Disc Search Screen

Enter the desired track the on-screen number pad. If you wish to delete an entry number touch the red **X** on the keypad. Press **ok** to play to the selected track. To exit the screen without changing the station, touch the **X** in the upper right corner.

Search Playlist by File Type

1. Touch the **MUSIC** ▲ icon.
2. Touch "MUSIC," "PHOTO" or "VIDEO". The list of files that appear will be filtered by the type of file selected.

Controlling Playback

Inserting a Disc

Upon inserting a MP3/WMA disc, disc play begins. You cannot insert a disc if there is already a disc in the unit or if the power is off.

Ejecting a Disc

Press the **EJECT** (▲) button on the front of the unit to eject the disc. The unit automatically reverts to Tuner mode.

You may eject a disc with the unit powered off. The unit will remain off after the disc is ejected.

Resetting the Loading Mechanism

If the disc loads abnormally or an abnormal core mechanism operation occurs, press and hold the **EJECT** (▲) button to reset the loading mechanism. Normal operation resumes.

Playing MP3/WMA Files

After inserting a MP3/WMA disc, files will play in the sequence of the "Root' directory.

NOTE: When burning MP3 / WMA files onto a DVD disc, use the 2X or 4X burning option, if available. This slower burning speed will help eliminate buffer errors and increase disc reading reliability. Also, use folders when burning large numbers of songs / files to a disc for easy music navigation. Select the "Disc at Once" option and close your disc.

Pausing/Resuming Playback

Touch the ⏸ icon to pause playback. Touch the ► icon to resume playback.

Moving Through Tracks

Touch the Next (⏭) icon to advance to the next track on the MP3 disc/USB device. Touch the Previous (⏮) button to move to the previous track on the MP3 disc/USB device.

Repeat Playback

Touch the 🔁 (Repeat) icon to alter repeat mode as follows: Repeat Single > Repeat Folder > Repeat All > Repeat Off

NOTE: CD-R and CD-RW will not play unless the recording session is finalized.

Random Play Select

Touch the 🔀 (Random) icon to play the tracks on the MP3 disc/USB device in a random, shuffled order. Touch the 🔀 icon again to cancel Random Play mode.

iPod®/iPhone® OPERATION

NOTE: Be sure your iPod® has the latest Apple firmware installed to avoid connectivity issues.

Accessing iPod® Mode

This unit is Made for iPod® and iPhone®. You can control your iPod® via touch screen to access Playlist, Artist, Albums, Songs, etc. Supported models include, but are not limited to the following:

- iPhone® 4S / 4 / 3GS / 3G and 1st Generation
- iPod®touch 4th / 2nd and 1st Generation
- iPod® nano 6th / 5th / 4th and 3rd Generation
- iPod® classic and iPod® with video

The unit will automatically switch to iPod® mode when an iPod®, iPod® touch or iPhone is plugged into the front or rear USB connector.

NOTE: For basic iPod® connectivity, you can use the white 30-pin to USB iPod® cable that came with your Apple device . For iPod® video or photo playback, you must purchase the jLink-USB cable.

To return to the iPod® menu from any other source menu, touch **SRC** on the front panel until the iPod® menu appears on the screen, or choose the iPod® icon from the source menu (only available when an iPod® or iPhone® is connected to the USB connector).

NOTE: To transmit the video from your iPod® to the VM9725BT screen, you must set the following options through the iPod® video settings menu:
TV Out = On, TV Signal = NTSC, and Widescreen = On.

NOTE: After disconnecting your iPod®, the VM9725BT will always return to the last mode accessed when the iPod® is plugged back into the unit.

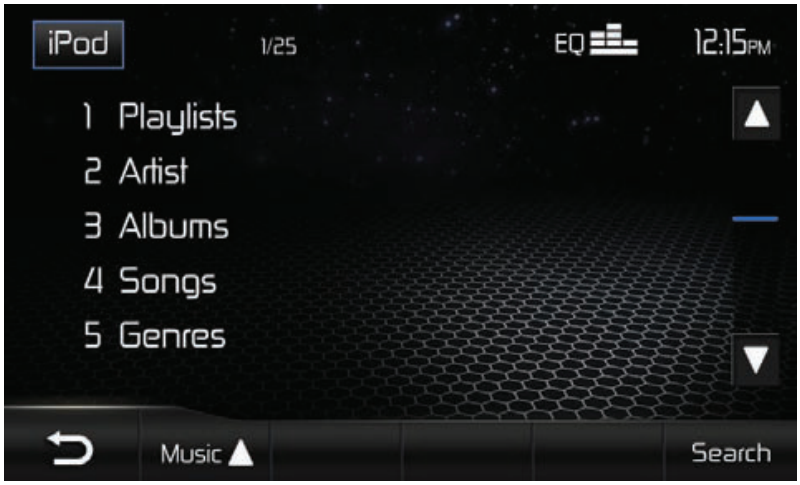
Indicators/Controls

The on-screen indicators and touch key areas for iPod® playback are outlined below.

1. **iPod** icon: Touch to view the SOURCE MENU and select a new playback source.
2. 1/25 indicator: File number and total number of files on the disc.
3. EQ icon: Touch for quick access to Equalizer level settings.
4. Clock: Displays the time as entered by the user in the settings menu.
5. Pandora icon: Touch to play Pandora Radio. The Pandora app on your iPod® must be launched.
6. (Repeat) icon: Indicates the repeat function is enabled. Touch to alter repeat mode as follows: Repeat Once > Repeat All > Repeat Off.
7. (Random) icon: Indicates the random function is enabled. Touch to alter random mode as follows: Random On > Random Off.
8. (Next) icon: Touch to play the next track.
9. ■ / ► (Pause / Play) icon: Touch the ▮▮ icon to pause playback. Touch the ► icon to begin playback.
10. (Previous) icon: Touch to play the previous track.
11. List icon: Touch to access the Search Screen.
12. Elapsed time Indicator: Displays the elapsed and total playing time of the current track playing.
13. Track information: Song title, album, and performing artist.

Search Menu

The Search Menu allows you to search for playlists, artists, albums, songs, genres, composer, podcast or audio book.



1. **iPod** icon: Touch to view the SOURCE MENU and select a new playback source.
2. **1/25** indicator: Indicates the file number playing and total number of files in the category.
3. **EQ** icon: Touch for quick access to Equalizer level settings.
4. Clock. Displays the time as entered by the user in the settings menu.
5. Scroll Bar icon: Touch ▲ or ▼ to scroll up or down the page.
6. **Search** icon: Touch to display the Direct Track Entry screen.
7. **Music ▲** icon: Touch **Music ▲**, then touch **Music ▲**, **Photo ▲** or **Video ▲**. The list of files that appear will be filtered by the type of file selected.
8. ⮌ icon: Touch to return to a previous menu.

Direct Track Entry

To select a track directly:

1. Touch the **Search** icon on the Search Menu to display the direct entry menu.

2. Enter the desired track the on-screen key pad. If you wish to delete an entry number touch the red **X** on the keypad. Press **ok** to play to the selected track. To exit the screen without changing the station, touch the **iPod** icon in the upper right corner.

PANDORA RADIO OPERATION

Pandora Radio is available via your iPhone® (data usage will occur) or iPod® touch (Wi-Fi).

NOTE: For basic iPod®/ iPhone® connectivity, you can use the white 30-pin to USB iPod cable that came with your Apple device . For iPod® video or photo playback, you must purchase the jLink-USB cable.

NOTE: The Pandora app must be installed on your iPhone®/iPod® touch.

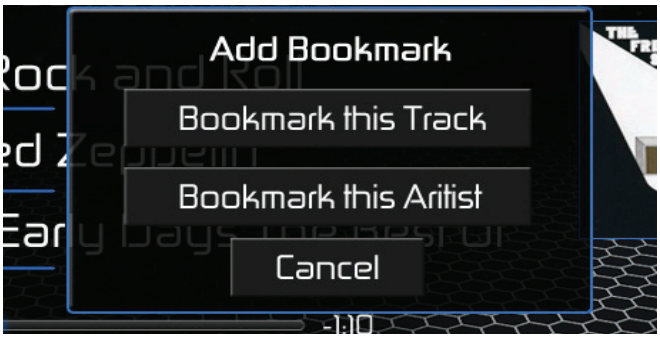
Pandora Radio TFT Display

The on-screen indicators and touch key areas for Pandora Radio functions are outlined below.

1. **Pandora** icon: Touch to view the SOURCE MENU and select a new playback source.
2. Equalizer setting indicator: Displays the current equalizer preset setting.
3. **EQ** icon: Touch for quick access to Equalizer level settings menu.
4. Clock: Displays the time as entered by the user in the settings menu.
5. Pandora Preview Window: Displays album art, if available.
6. **iPod** icon: Touch to return to the iPod® mode of operation.
7. **Book Mark** icon: Touch to display the Add BookMark submenu to bookmark a track or artist.
8. Thumbs Up Icon: Press this icon to tell Pandora "you like this track" and bring in more tracks like it to your station.
9. **Thumbs Down Icon:** Press this icon to tell Pandora to not play this track. Pandora will skip to the next track. If the skip limit has been reached, Pandora will continue to play but your feedback will be recorded.
10. ⏭ (Next) Icon: Press this icon skip a song, subject to the skip limit.
11. ■ / ► (Pause / Play) icon: Touch the ⏸ icon to pause playback. Touch the ► icon to begin playback.

12. **Station List** icon: Press this icon to access the Station List Screen.
13. Elapsed Time indicator: Displays the elapsed and total playing time of the current track playing.
14. Playback Information Display: Displays station, track, artist, album, and elapsed time information.

Bookmark Submenu



- Touch the **Bookmark this Track** icon to bookmark a track.
- Touch the **Bookmark this Artist** icon to bookmark an artist.
- Touch the **Cancel** icon to return to the Pandora Radio screen.

Station List Screen

The Station List Screen allows you to search for music by stations you created.

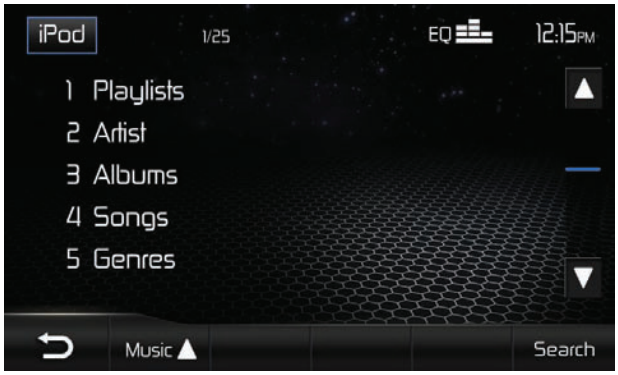
- Touch a station on the list to choose that station.
- Touch the Scroll Down (▼) icon to view the next page in the list or the Scroll Up (▲) icon to view the previous page.

To Launch/Stop Pandora Radio

1. Launch the Pandora app on your iPhone. The Pandora icon appears on the Main Menu Screen.

2. Touch the Pandora icon. The Pandora Screen appears.

3. Touch the ► icon to begin playback or the ❚❚ icon to pause playback.
4. Touch the **iPod** icon to exit Pandora and go to the iPod Search Menu.



Pandora Error Messages		
Message Displayed	**Cause**	**Corrective Action**
BookMark Track Error	Software Error	The track could not be bookmarked, please try again in a moment.
BookMark Artist Error	Software Error	The song could not be bookmarked, please try again in a moment.
Thumbs Up / Down Error "Error Track Rating"	Software Error	Song feedback could not be sent, please try again in a moment.
No Active Station Error	Software Error	This account has no stations in it. Please visit Pandora.com and login to your account and add stations.
Skip Limit Reached	Software Error	Please note that Pandora limits skips to a maximum of six skips per station, per hour.

BLUETOOTH OPERATION

Bluetooth® was launched by a special interest group (SIG) comprised of Ericsson Inc., Intel Corp., Nokia Corp., Toshiba and IBM in 1998, and it is currently developed by nearly 2,000 companies worldwide. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Audiovox Corporation is under license. Other trademarks and trade names are those of their respective owners.

Bluetooth® technology has the capability to wirelessly synchronize and transfer data among devices. The Bluetooth® audio capabilities can be used for mobile phones hands free applications. Bluetooth® has many profiles and the unit is compatible with most Bluetooth® enabled mobile phones. Before attempting to use the Bluetooth® functions on the unit, please make sure your mobile phone supports Bluetooth® functions.

NOTE: The line-of-sight distance between this unit and your mobile phone must be 8 feet (2.4 meters) or less for sending and receiving voice and data via Bluetooth® wireless technology.

Please make sure your mobile phone supports Bluetooth® functions (Headset or Handsfree profiles or both). Adhere to the following guidelines for successful operation.

- Before using Bluetooth® functions, you must pair your mobile phone to the VM9725BT head unit (see "Pairing the Bluetooth® System with Your Mobile Phone and Head Unit"). To ensure the best reception for pairing and re-connection, please make sure the mobile phone battery is fully charged before you begin.
- Try to perform pairing within a few minutes of the mobile phone being turned on.
- Once the unit has been paired with the mobile phone, the unit's model number, "VM9725BT", will be displayed on the mobile phone.
- To achieve the best performance, always keep the mobile phone within 3 meters of the head unit.
- Always keep a clear path between the mobile phone and the head unit. Never place a metal object or any other obstacle between the mobile phone and the head unit.
- Some mobile phones (like Sony Ericsson) may have a "Power Saving Mode" option. PLEASE DO NOT use the power saving mode with the VM9725BT.
- Before accepting or making a call, make sure your mobile phone's "Bluetooth® function" is turned on.
- To ensure the best conversation quality/performance, stay within one meter of the microphone when talking.
- To manually disconnect the mobile phone from the head unit, press the "Chain Link" icon on the Bluetooth® user interface (next to the mobile phone name) and the Bluetooth® will be "disconnected", but still paired.

Bluetooth User Interface

The on-screen indicators and touch key areas for Bluetooth® functions are outlined below.

1. **BT** icon: Touch to view the SOURCE MENU and select a new playback source.
2. **HTC Desire Z** indicator: Name of the connected device.
3. Clock: Displays the time as entered by the user in the settings menu.
4. **Missed Call** icon: Touch to access the missed calls list.
5. **Received Call** icon: Touch to access the received calls list.
6. **Dialed Call** icon: Touch to access the dialed calls list.
7. **Options** icon: Touch to configure Bluetooth® parameters and options.
8. **Call History** icon: The call history consists of dialed numbers, received calls, and missed calls.
9. **Direct Entry** icon: Touch to access the Direct Entry Screen.
10. **Phone Book** icon: Touch to access the contacts list.
11. **BT Audio** icon: Touch to access the Bluetooth® music function.
12. / **:** Indicates whether the unit is disconnected/connected with a Bluetooth®device.
13. Keypad: Touch 0-9,*, # to enter the phone number you wish to dial. Once the correct number appears on the screen touch the icon. If you enter an incorrect number, touch the red **X** icon to delete the incorrect number.

Hands Free Profile (HFP)

To use a mobile phone with this unit, it is necessary to first establish a connection using Bluetooth® wireless technology. The connection is normally established using Hands Free Profile (HFP), which gives you full control of functions available on the mobile phone source. However, depending on your mobile phone, the connection may be made using Head Set Profile (HSP), making some functions unavailable. This is a limitation of your mobile phone, not theVM9725BT.

Since there are a number of Bluetooth® mobile phone implementations available on the market, operations with your Bluetooth® mobile phone using this unit vary greatly.

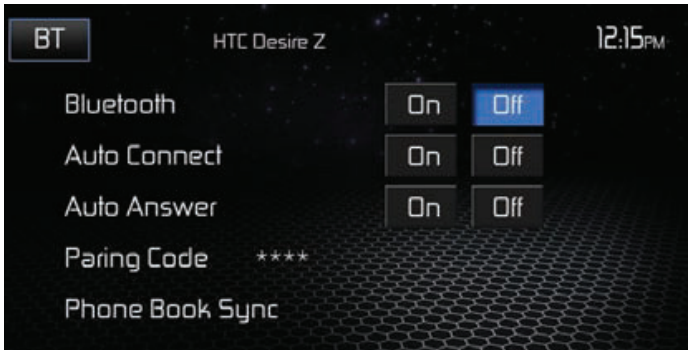
Please refer to the instruction manual that came with your Bluetooth® mobile phone along with this manual while operating your mobile phone with this unit.

Pairing the Your Mobile Phone with the Head Unit

Your mobile phone can initiate a search for new devices and pair to the unit. The following paragraphs describes the pairing process.

NOTE: The following procedures are generic. Procedures for pairing mobile phones may vary slightly from mobile phone manufacturer to mobile phone manufacturer.

1. Press the **SRC** button on the front panel to access the Source Menu.
2. Touch the **BT** (Bluetooth) icon. The following screen will appear:



3. Set the **Bluetooth** function to ON.
4. Set the **Auto Connect** function to ON.
5. Access the mobile phone Bluetooth® function and set the function to ON.
6. Set the mobile phone Bluetooth® discover mode to ON.

NOTE: Some discovery modes have a time limit usually a minute before they are automatically turned off.

7. Use the mobile phone's add a new device feature. A device or devices will appear on your mobile phone display.

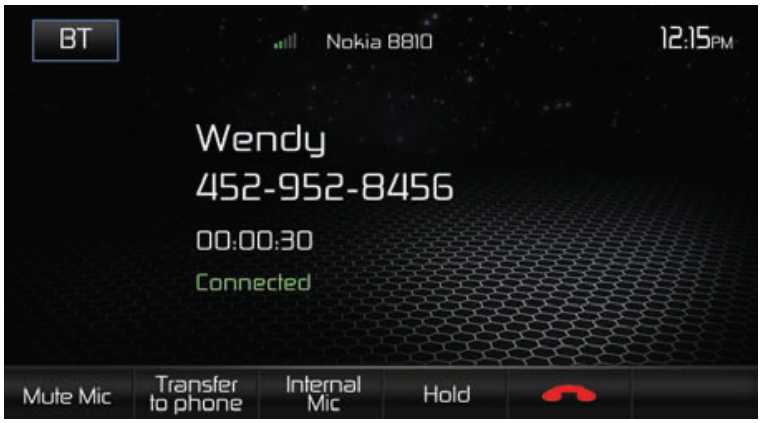
8. A prompt to pair or bond should appear on your mobile phone. Accept the request and initiate the process.

NOTE: Some mobile phones require a "pass key" or pairing code to connect. If your phone requires a pass key or pairing code, you will need to enter this number. The default pairing code for many mobile phones is "0000". The default code for the unit is "1234".

9. A prompt to enter a PIN number or passkey for the unit should appear. The default passkey for the unit is "1234".
10. At this point a prompt stating pairing successful should appear. Another prompt should appear asking connect to the unit, Yes or No. Press Yes. The mobile phone and the unit should connect. The mobile phone should display a message similar to "Device Connected" and the mobile phone and the unit are now connected. VM9725BT will appear on the mobile phone list of devices.

Managing Incoming Calls

When connected to a Bluetooth® mobile phone, the unit will mute audio output, pause CD play, and change to the Bluetooth® screen below when a call is received. The incoming phone number or assigned name for that number will appear in the middle of the screen. An audible tone will sound from the unit and a graphic display will appear on the front panel.



1. **Mute Mic** icon:Touch to mute the microphone audio from the unit. Touch the icon again to restore the microphone and audio from the unit.
2. **Transfer to Phone** icon: Touch to transfer a call back to the mobile phone.
3. **Internal Mic / External Mic** icon: Touch to toggle between the internal microphone and an external microphone.
4. **Mute Mic** icon: Touch to mute the microphone audio from the unit. Touch the icon again to restore the microphone and audio from the unit.
5. **Hold** icon: Touch to place a call on hold.
6. icon: Touch to end an in coming call.

Answering an Incoming Call

To answer an incoming call touch the icon. For best reception, speak loudly and clearly into the microphone. To end the conversation, touch the icon.

Rejecting an Incoming Call

Press the **Transfer to Phone** icon to reject an incoming call. The call will revert to your mobile phone and be left for voice mail.

Volume Control

To increase or decrease the volume level of an incoming call, turn the rotary knob on the front panel or press the **VOL +/ -** buttons on the remote control.

Audio Mute

To mute the phone call audio from the unit when a call is received, press the front panel rotary knob. Press the front panel rotary knob again and phone call audio will be restored to the unit.

Making an Outgoing Call

Outgoing calls can be performed by direct dialing using the unit's touch screen keypad. The keypad screen is accessed by touching the **Direct Entry** icon .

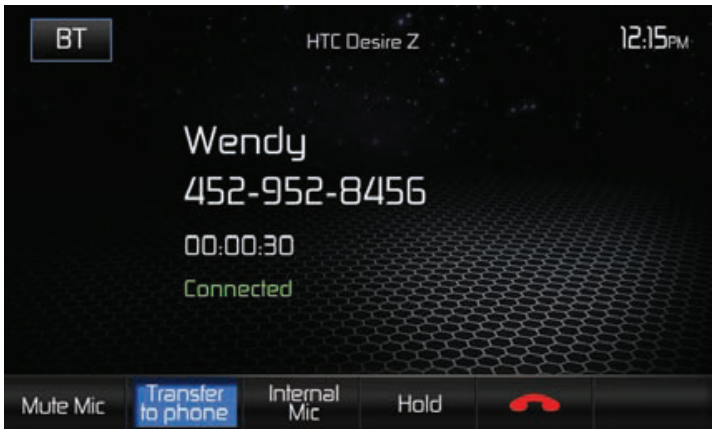
Direct Dialing

1. Touch the **Direct Entry** icon and the following screen will appear:

2. Using the keypad, touch 0-9,*, # to enter the phone number you wish to dial. If you enter an incorrect number touch the red **X** icon on the keypad to delete the incorrect number.
3. Once the correct number appears on the screen touch the icon. To exit the direct entry screen touch the **X** icon in the upper right corner of the screen.
4. To end the call touch the icon on the previous screen.

Call Transfer

While talking, to transfer audio from the unit back to the mobile phone, touch the **Transfer to Phone** icon and the following screen will appear:



Pressing the **Transfer to Phone** icon again will return the audio from the mobile phone to the unit.

Missed Calls

The missed calls list retrieves the list of missed numbers from your mobile phone if your mobile phone allows the function. The last missed number is the first number on the list.

To make a call from the missed calls list, touch the call's name and it will be dialed.

Received Calls

The received calls list retrieves the list of numbers from your mobile phone if your mobile phone allows the function. The last received number is the first number on the list.

To make a call from the received calls list, touch the call's name and it will be dialed.

Dialed Calls

The dialed calls list retrieves the list of dialed numbers from your mobile phone if your mobile phone allows the function. The last dialed number is the first number on the list.

To make a call from the dialed calls list, touch the call's name and it will be dialed.

Phone Book

The phone book is a copy of the contact list on your mobile phone which contains a listing of your important names and phone numbers. Touch the ▲ or ▼ icon to scroll up or down the contact list page.

To make a call from the phone book, touch the contact's name. Touch the icon on the next screen and it will be dialed.

Bluetooth Music Function

Bluetooth® provides an Advanced Audio Distribution Profile (A2DP) profile for streaming music from a mobile phone or a portable multimedia player (PMP), sometimes referred to as a MP3 player. The unit allows you to play back audio files from your mobile phone or a PMP using a Bluetooth® connection.

NOTE: Please quit A2DP mode before attempting to make a phone call, as unexpected results may occur depending on your mobile phone model.

The unit can control a Bluetooth® audio player via Advanced Audio Distribution Profile (A2DP) or Audio/Video Remote Control Profile (AVRCP). Bluetooth® audio players (or Bluetooth® adapters) compatible with these profiles can be connected to this unit. Touch the **BT Audio** icon and the following screen will appear:

While listening to audio the following functions are available:

1. Pause/Play (⏯) icon: Touch to pause playback. Touch again to resume playback.
2. Previous (⏮) icon: Touch to play the previous track.
3. Next (⏭) icon: Touch to play the next track.

Functionality varies depending on the profile used:

- A2DP: Stream audio from your Bluetooth® compatible audio player and listen to the music through the unit.
- AVRCP: Play back, pause, select songs, etc. while streaming audio from your Bluetooth® compatible audio player to the unit.

NOTE: Song information (e.g. elapsed playing time, song title, song index, etc.) cannot be displayed on this unit. Since there are a number of Bluetooth® audio players available on the market, operations with your Bluetooth® audio player while using this unit may vary greatly. Please refer to the instruction manual that came with your Bluetooth® audio player.

When there is an incoming call, the song will be paused. After the incoming call is finished, the screen will return to the music function screen and playback will continue.

SiriusXM® RADIO OPERATION

Everything worth listening to is on SiriusXM®, getting over 130 channels, including the most commercial-free music, plus the best sports, news, talk and entertainment. A Vehicle Tuner (sold separately) and subscription are required. For more information, visit www.siriusxm.com.

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Activating SiriusXM® Radio

Satellite Radio operation requires the connection of an optional Vehicle Tuner and antenna (sold separately). To connect the Vehicle Tuner, follow the instructions provided with the tuner.

To listen to Satellite Radio, a subscription is required.

Activate the Vehicle Tuner using one of the two methods below:

- Online: Go to www.siriusxm.com and choose ACTIVATE RADIO.
- Phone: Call 1-866-635-2349.

Activation typically takes 10-15 minutes, but may take up to an hour. It is recommended to leave your vehicle on until the "Subscription Updated" message appears.

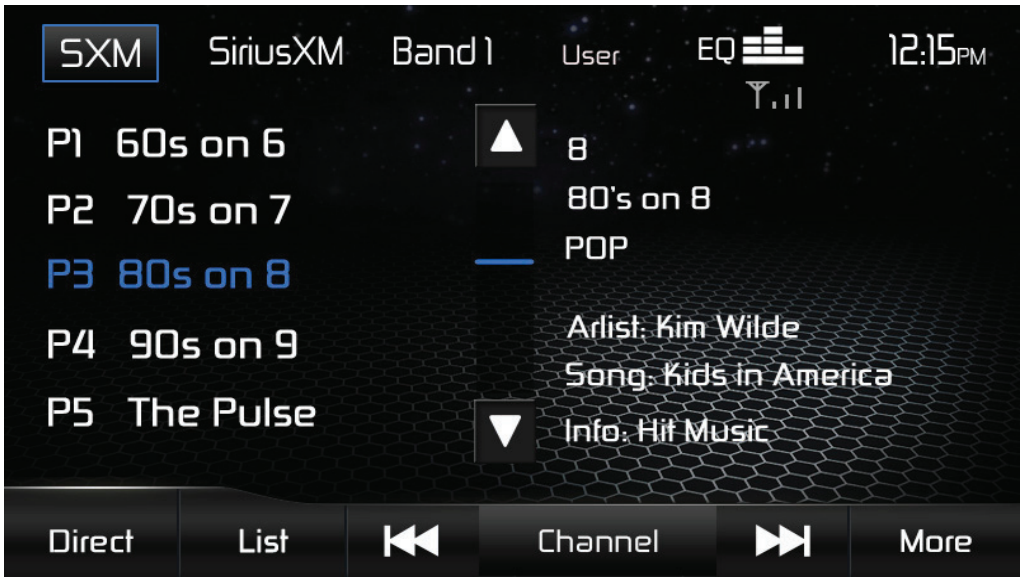
Retrieving the Radio ID Code

The Satellite Radio Subscription requires that the Radio ID be retrieved. To display the Radio ID:

1. Touch the **Direct** icon. The Direct Entry Menu appears.
2. Enter channel "0" using the on-screen number pad then press the **ok** icon. The SiriusXM® User Interface tuner screen displays the ID where the artist name is displayed.

SiriusXM® User Interface

The on-screen indicators and touch key areas for SiriusXM® functions are outlined below.



Menu Page 1

1. **SXM** icon: Touch to view the SOURCE MENU and select a new playback source.
2. Band indicator - Displays SiriusXM® radio band currently selected.
3. Equalizer setting indicator: Displays the current equalizer preset setting.
4. **EQ**: Touch for quick access to the Equalizer level settings menu.
5. Signal Strength indicator: As the strength of the satellite radio signal increases, the number of illuminated segments will increase.
6. Clock: Displays the time as entered by the user in the settings menu.
7. **More** icon: Touch to go to Menu Page 2.
8. Next (⏭) icon: Touch to tune to the next channel.
9. **Category/Channel** icon: Touch to toggle the icon displayed between Category and Channel.
10. Previous (⏮) icon: Touch to tune to the previous channel.
11. **List** icon: When the Category icon is displayed, touch List to go to the Category Screen. When the Channel icon is displayed, touch List to go to the Channel Screen.
12. **Direct** icon: Touch to display the Direct Entry Menu.

Menu Page 2

13. **Back** icon: Touch to go to Menu Page 1.
14. **CHG PW** icon: Touch to go to the change password screen.
15. **Mem** icon: Touch to display screen used to enter current channel into preset memory.
16. **Scan** icon: Touch to scan to the next available channel. The tuner will pause for approximately five seconds at that channel. Touch scan again to listen to that channel. If scan is not touched, the tuner will automatically seek the next channel.
17. **Band** icon: Only ten preset channels will display at a time. Touch this icon to display the next band of preset channels. Three bands are available: Band 1, Band 2, and Band 3.

Switching to SiriusXM® Radio

- Touch the top left corner of the screen (the radio box) to view the Source Menu. Touch the **SiriusXM** icon.
- Press the **SRC** button on the front panel to switch to the SXM source.

Selecting the SiriusXM® Band

Touch the **Band** icon on the screen to change between the following bands: Band1, Band2, and Band3.

Seek Tuning

- To seek the next higher channel, touch the ⏭ icon.
- To seek the next lower channel, touch the ⏮ icon.

Direct Tuning

To enter a SiriusXM® radio channel directly:

1. On the SiriusXM® menu page 1, touch the **Direct** icon to display the Direct Entry Menu.

2. Enter the desired SiriusXM® radio channel using the on-screen number pad then press the **ok** icon. If you wish to delete an entry number touch the red **X** icon.
3. To exit the screen without changing the channel, touch the ⮌ icon.

Using Preset Stations

Ten numbered preset buttons store and recall channels for each band. All ten stored channels for the current band appear on the screen.

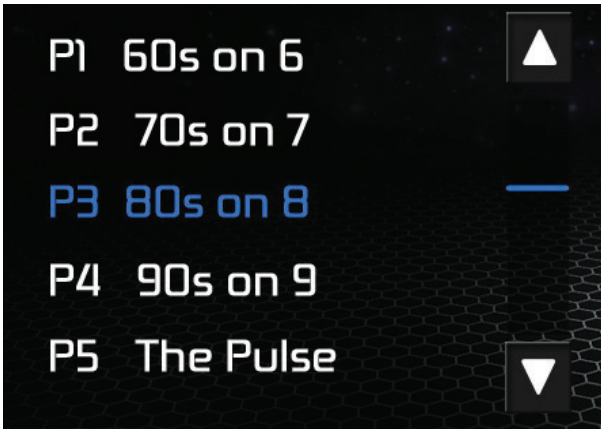
Storing a Channel

1. Select a band (if needed), then select a channel.
2. On the SiriusXM® menu page 2, touch the **Mem** icon to access the Preset Screen.

3. Touch the preset number (P1 through P10) in which you would like to store the current channel (or touch the **X** icon to cancel and close the menu). The channel will be stored in that preset and displayed on the SiriusXM® User Interface tuner screen.

Recalling a Channel

1. Select a band (if needed).
2. Touch a channel on the preset channel list to select the corresponding stored channel. Touch the ▲ or ▼ icon to scroll up or down the list.



Searching for a Channel

Search by Channel

To search by channel:

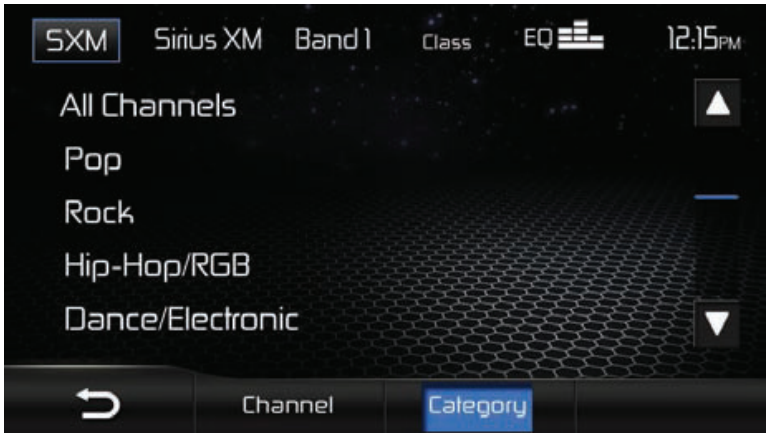
1. On the SirusXM® menu page 1, touch the **Category/Channel** icon (if needed) to select **Channel**.
2. Touch **List** to display the Channel Screen:

3. Touch a channel to tune to that channel.

Search by Category

Categories group music by type such as jazz, rock, classical, etc. To search by category:

1. On the SirusXM® menu page 1, touch the **Category/Channel** icon (if needed) to select **Category**.
2. Touch **List** to display the Category Screen:



3. Touch a category item. A channel list screen appears.
4. Touch a channel to tune to that channel.

SXM Mature Channel Lock

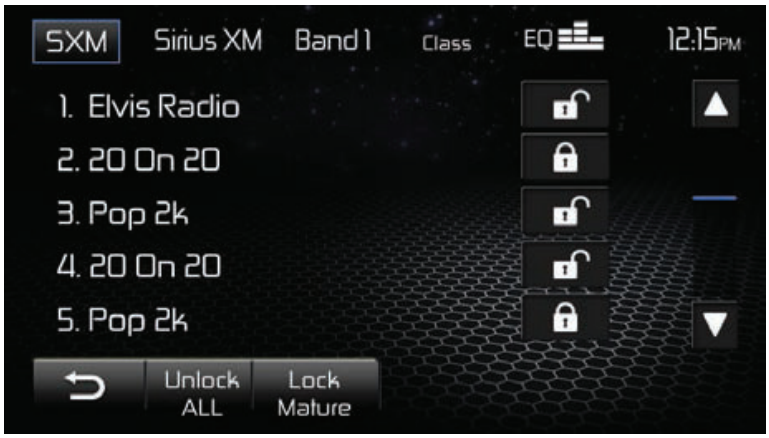
SiriusXM® attaches a label to channels with adult content. The radio recognizes these channels as "Mature". The Mature Channel Lock option allows you to lock out channels with "Mature" labels. These channels will still appear in the channel listing (with a lock symbol), but will not be tunable unless the parental lockout password is correctly entered.

Lock Mature Channels

To lock mature channels:

1. On the SirusXM® menu page 2, touch the **Lock** icon. The following screen appears:

2. Enter your 4-digit password and then press the **ok** icon. The following screen appears:



3. Touch the **Lock Mature** icon. The mature channels are now locked.

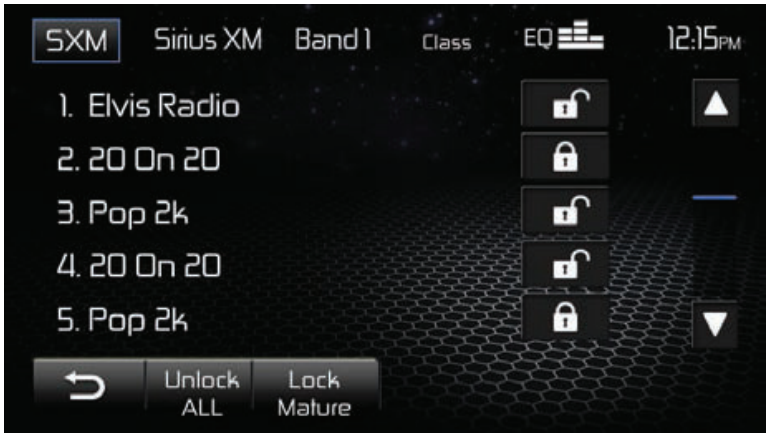
Temporarily Unlock a Mature Channel

When the global "Mature Lock" is enabled, a mature channel can be temporarily unlocked ONLY until the key is cycled. Once the radio is powered on again, the channel will be locked again. This mode is useful for listening to mature/adult content on a temporary basis, allowing you to listen on a channel-by-channel basis without having to disable the global "Mature Lock" of all mature channels.

To temporarily unlock a mature channel:

1. Tune to a mature channel. If the channel is locked, **Chan Locked** will appear on the SiriusXM® User Interface tuner screen.
2. On the SirusXM® menu page 2, touch the **Lock** icon. The following screen appears:

3. Enter your 4-digit password and then press the **ok** icon. The following screen appears:



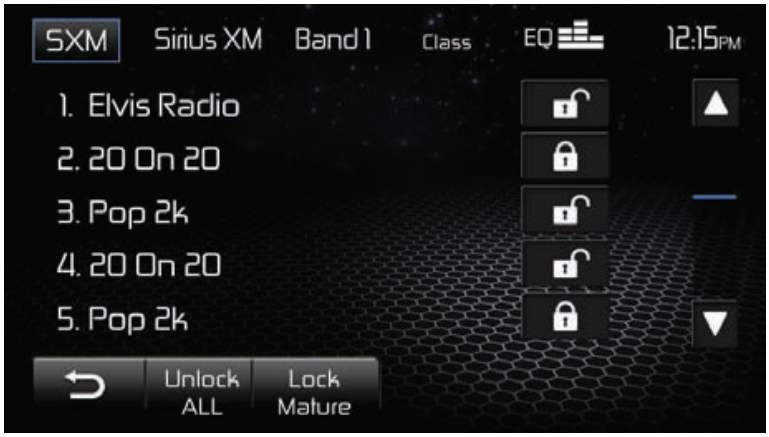
4. Touch a lock icon to unlock a channel. Touch the ▲ or ▼ icon to scroll up or down the list.

Unlock All Mature Channels

To unlock all mature channels:

1. On the SirusXM® menu page 2, touch the **Lock** icon. The following screen appears:

2. Enter your 4-digit password and then press the **ok** icon. The following screen appears:



3. Touch the **Unlock ALL** icon. The mature channels are now unlocked.

Change Lock Password

The Change Lock Password option allows you to change the password from the default or current custom password to another password.

NOTE: The default password is 0, 0, 0, 0.

To change a password:

1. Touch the **CHGPW** icon. The following screen appears:

2. Enter your 4-digit password and press the **ok** icon.
3. Enter the new 4-didit password and press the **ok** icon. The new password is set.

SiriusXM® Radio Advisory Messages

SiriusXM® user advisory messages are listed below:

Advisory Displayed	Cause
Check Tuner	Check the SiriusXM® tuner connection on the back of the unit to ensure that it's correctly connected.
Check Antenna	Ensure the SiriusXM® antenna cable is connected to the SiriusXM® tuner correctly. Check the SiriusXM® antenna wire for breaks or sharp bends. Replace the antenna if necessary. If the message remains, the antenna may have been damaged.
No Signal	The vehicle must be outside, and the antenna must have a clear view of the southern sky. The magnetic antenna must be mounted on the outside of the vehicle for the best reception.
Channel Not Subscribed	This channel is not included in your SiriusXM® subscription plan. Call 1-866-635-2349 to subscribe.
Channel Not Available	This channel is not a valid SiriusXM® channel. The channel number has been entered incorrectly, or the channel was removed from the SiriusXM® channel lineup.
Channel Locked	The selected channel has been locked by the parental controls, or a mature channel has been selected. A prompt to enter the unlock code will appear. Enter the unlock code.

REAR CAMERA OPERATION

This unit is "camera ready." Before accessing any camera features, you must install a rear video camera.

When the camera is not installed and the function is accessed by the gear selector being placed in reverse or by the unit's menu, the message "VIDEO NOT DETECTED" will appear, indicating the function is not available.

When the camera is installed, the rear view image of what is behind the vehicle will appear when the vehicle is placed in reverse gear. When leaving reverse gear, the unit displays the previous screen.

The rear camera image can be adjusted from Normal to Mirror using the "Setup" menu ("see Video Sub-menu Features").

TROUBLESHOOTING

Table 6: Troubleshooting

Problem	Cause	Corrective Action
GENERAL		
Unit will not power on	Radio Fuse blown	Install a new fuse with the correct rating
	Car battery fuse blown	Install a new fuse with the correct rating
	Illegal operation	Press the RESET button located over the rotary encoder on the front panel
No/low audio output	Improper audio output connection	Check wiring and correct
	Volume set too low	Increase volume level
	Improper "MUTE" connection	Review wiring diagram and check "MUTE" connection
	Speakers damaged	Replace speakers
	Heavily biased volume balance	Adjust the channel balance to the center position
	Speaker wiring is in contact with metal part of car	Insulate all speaker wiring connections
Poor sound quality or distortion	Pirated disc is in use	Use original copy
	Speaker power rating not compatible with unit	Connect proper speakers
	Speaker is shorted	Check speaker contact
Unit resets itself when engine is off	Incorrect connection between ACC and positive battery wire	Check wiring and correct

Problem	Cause	Corrective Action
TFT Monitor		
No image	Incorrect connection to parking brake wire	Check wiring and correct
	Parking brake is not engaged	Stop vehicle in safe place and apply parking brake
Flashing image or interference appears on screen	DVD is not compatible with current TV system settings	Change setup to accommodate disc
	Improper video signal connections	Check wiring and correct
Prolonged image or improper height/ width ratio display	Improper aspect ratio setup	Use correct aspect ratio setting
TUNER		
Weak station searching	Auto antenna is not fully extended	Connect the auto antenna control cable properly
	Auto antenna not properly connected	Connect the auto antenna control cable properly
	LOCAL function is activated	Turn LOCAL function off
DISC		
Cannot insert disc	Disc already inside unit	Eject current disc and insert new one
Image blurred, distorted or dark	Disc is illegally copied	Use original disc

Problem	Cause	Corrective Action
Disc does not play back	Disc is warped or scratched	Use disc in good condition
	Disc is dirty or wet	Clean disc with soft cloth
	Laser pickup is dirty	Clean laser pickup with cleaning disc
	Incompatible disc is used	Use compatible disc
	Disc rating exceeds Parental Lock rating limit	Change Parental Lock settings to lower restriction
	Disc region code is not compatible with unit	Use disc with proper region code
	Disc is inserted upside down	Insert disc with label side up
PBC cannot be used during VCD playback	PBC is not available on the disc	
No repeat or searching while playing VCD	PBC is on	Turn PBC off
MP3		
Interruption occurred during playback	Disc is dirty or scratched	Clean disc or replace
	File is damaged/bad recording	Recreate disc with good files

Disc Error Messages

Message Displayed	Cause	Corrective Action
Loading	Disc is being read	
No Disc	Disc is dirty	Clean disc with soft cloth
	Disc is upside down	Insert disc with label side up
	Disc not present in loading compartment	Insert disc
Bad Disc	Disc is dirty	Clean disc with soft cloth
	Disc is upside down	Insert disc with label side up
Unknown disc	Disc format is not compatible with this unit	Use compatible disc
Region Error	DVD is not compatible with region code of unit	Use disc with proper region code
Error	Illegal mechanism operation	Press **EJECT** key for 5 seconds to reset loading mechanism

Care and Maintenance

1. Use only a clean silicone cloth and neutral detergent to clean the front panel or monitor. A rough cloth and non-neutral detergent (such as alcohol) may result in scratching or discoloration.
2. Do not get water or cleaning fluids on the unit.
3. If the temperature inside the player gets too hot, a protective circuit automatically stops play of the disc. If this occurs, allow the unit to cool before operating the player again.
4. Never insert anything other than a 5" (12 cm) compact disc into the player as the mechanism can be damaged by foreign objects.
5. Do not attempt to use a 3" (8 cm) CD-Single disc in this unit, either with or without an adaptor, as damage to the player and/or disc may occur. Such damage is not covered by the Warranty on this product.
6. The CD player may not operate properly in extreme hot or cold. If such conditions occur, allow the interior of the vehicle to reach a normal temperature before using player.
7. When the vehicle warms up during cold weather or under damp conditions, condensation may appear on the LCD panel. Should this occur, the screen will not operate properly until the moisture has evaporated.
8. We suggest you use a cleaning disc in this unit more frequently than in the unit in your home due to the environmental conditions of the vehicle.

SPECIFICATIONS

DVD/CD Player

Compatible Disc Media: DVD + R / RW (Single and Dual Layer) and CD-R / RW
Compatible Media Formats: CD-DA, MP3, WMA, VCD, SVCD, Xvid, AVI, MPEG 1/2
Signal to Noise Ratio: >95dBA
Dynamic Range: >95dB
Frequency Response: 20Hz to 20 kHz, -3dB
Channel Separation: > 60dB @ 1 kHz
D/A Converter: High performance 24-bit / 192 kHz sample rate, Multi-Bit Sigma-Delta Modulator

Video

Format: NTSC, PAL (auto-detection)
Output: 1Vp-p (75-ohm)
Input: 1Vp-p (75-ohm)

FM Tuner

Tuning Range: 87.5MHz - 107.9MHz
Mono Sensitivity (-30dB): 9dBf
Quieting Sensitivity (-50dB): 15dBf
Alternate Channel Selectivity: 70dB
Signal to Noise Ratio @ 1 kHz: 58dB
Image Rejection: 80dB
Stereo Separation @ 1 kHz: >30dB
Frequency Response: 30Hz - 15 kHz, -3d

AM Tuner

Tuning Range: 530 kHz - 1720 kHz
Sensitivity (-20dB): 15uV
Signal to Noise Ratio @ 1 kHz: 50dB
Image Rejection: 60dB
Frequency Response: 50Hz - 2 kHz, -3dB

Monitor

Screen Size: 6.2" (Measured diagonally), 16:9 Widescreen
Screen Type: TFT Liquid Crystal Display (LCD) active matrix
Resolution: 1,152,000 sub pixels, 800x3 (W) X 480 (H)

General

Auxiliary Input impedance: 10k
Power Supply: 11 to 16VDC, negative ground
Power Antenna (Blue): 500mA max, current limited protection
Amplifier Remote (Blue/White): 500mA max, current limited protection
Operating Temperature: -20C ~ 65C
Fuse: 15-amp, mini ATO type
DIN chassis dimensions: 7" X 7" X 4" (178mm x 178mm x 100mm)

CEA Power Ratings

Power Output: 13 Watts RMS x 4 channels into 4-Ohms @ < 1% THD+N
Signal to Noise Ratio: 70dBA below reference (Reference: 1 Watt, 4-Ohms)
Frequency Response: 20 Hz - 20 kHz, -3dB. (Aux Input used as reference input)
Reference Supply Voltage: 14.4VDC

*Specifications subject to change without notice

Common Replacement Parts

Owner's Manual and Install Manual	30613600
Wire Harness	30313600
Trim Rings (Main and Secondary-Packaged Together)	30413590
External Microphone	30443240
Remote Control	30713600
Parking Wire	38213030
Sleeve and Mounting Brackets	30113270
Hardware Bag	30513270

Audiovox Electronics Corporation
Hauppauge, NY 11788
Technical Assistance: 1-800-323-4815
www.mobile.jensen.com
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128-9054

Installation Guide

VM9725BT

What's in the Box

VM9275BT Head Unit
Left and Right Double DIN
Mounting Brackets
Double DIN Half Sleeve Install Bracket
Two Custom Cosmetic Trim Rings
Parking Brake Wire
Hardware Bag
Speaker Output Harness
Power Input Harness
Accessory Harness
Installation Guide
External Microphone

Tools and Supplies

You will need these tools and supplies to install your VM9725BT:

- Torx type, flat-head and Philips screwdrivers
- Wire cutters and strippers
- Tools to remove existing radio (screw driver, socket wrench set or other tools)
- Electrical tape
- Crimping tool
- Volt meter/test light
- Crimp connections
- 18 gauge wire for power connections
- 16 – 18 gauge speaker wire

WARNING! Never install this unit where operation and viewing could interfere with safe driving conditions.

Optional Equipment

- Rear Camera

Disconnecting the Battery

- To prevent a short circuit, be sure to turn off the ignition and remove the negative (-) battery cable prior to installation.

NOTE: If the VM9725BT is to be installed in a car equipped with an on-board drive or navigation computer, do not disconnect the battery cable. If the cable is disconnected, the computer memory may be lost. Under these conditions, use extra caution during installation to avoid causing a short circuit.

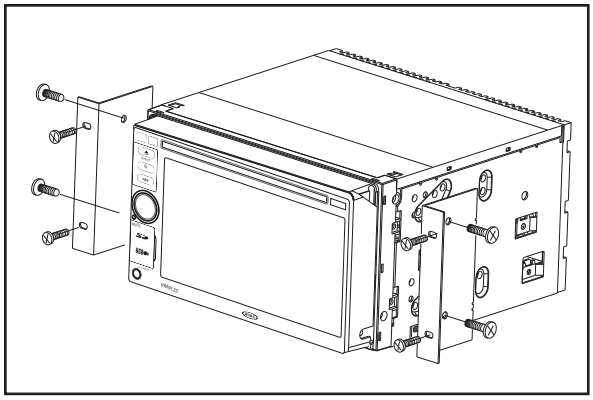
Replacing the Fuse

- When replacing the fuse, use a new 15A replacement fuse. Using a fuse with an improper rating could damage the unit and cause a fire.

ISO-DIN Installation

This unit is designed to fit into a 2.0 DIN dashboard opening, found in many imported cars. The unit has threaded holes in the chassis side panels which may be used with the original factory mounting brackets of some Toyota, Nissan, Mitsubishi, Isuzu, Hyundai and Honda vehicles to mount the radio to the dashboard. Please consult with your local car stereo specialty shop for assistance on this type of installation.

1. Remove the existing factory radio from the dashboard or center console mounting. Save all hardware and brackets as they will be used to mount the new radio.
2. Remove the factory mounting brackets and hardware from the existing radio and attach them to the new radio.
   CAUTION! Do not exceed M5 X 6MM screw size. Longer screws may damage components inside the chassis.
3. Place the radio in front of the dashboard opening so the wiring can be brought through the mounting sleeve. Follow the wiring diagram carefully and make certain all connections are secure and insulated with wire nuts or electrical tape. After completing the wiring connections, plug the ISO connectors into the mating sockets on the rear of the chassis. Turn the unit on to confirm operation (vehicle ignition switch must be "on"). If the unit does not operate, re-check all wiring until the problem is corrected.
4. Mount the new radio assembly to the dashboard or center console using the reverse procedure in step 1.
   CAUTION! Be careful not to damage the car wiring.



NOTE: It is the end-users responsibility to install and operate this unit in a manner in accordance with local, state and federal laws. The PARKING BRAKE wire MUST BE CONNECTED as directed in the manual.

CAUTION! Do not block the cooling fan exit. If blocked, the unit may overheat and become damaged.

Installation Using Half-Sleeve

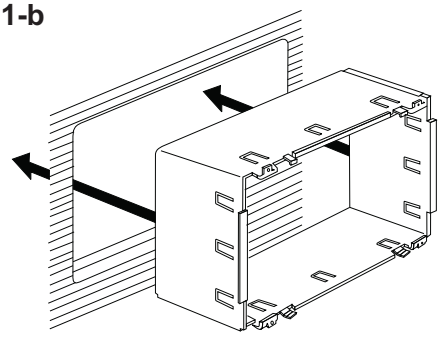
1. Install half-sleeve in the dashboard.
   a. Install adapter if necessary (optional).
   b. Install half-sleeve into adapter or dashboard (use only the supplied screws). Do not force the sleeve into the opening or cause it to bend or bow.
   WARNING! Only connect the unit to a 12-volt power supply with proper grounding.
   c. Locate the series of bend-tabs along the top, bottom and sides of the mounting sleeve. With the sleeve fully inserted into the dashboard opening, bend as many of the tabs outward as necessary so that the sleeve is firmly secured to the dashboard.
2. Use the M5 x 6 screws (provided) to install the mounting brackets to each side of the radio using the holes indicated in the diagram. **DO NOT USE OTHER SCREWS.**
3. Place the radio in front of the dashboard opening so the wiring can be brought through the mounting sleeve.
4. Complete wiring as illustrated in the wiring diagram. Once the wiring is complete, reconnect the battery negative terminal. If there is no ACC available, connect the ACC lead to the power supply with a switch.
   CAUTION! Be careful not to damage the car wiring.
5. After completing the wiring connections, turn the unit on to confirm operation (ignition switch must be on). If unit does not operate, recheck all wiring until problem is corrected. Once proper operation is achieved, turn off the ignition switch and proceed with final mounting of the chassis.
   a. Connect wiring adapter to existing wiring harness.
   b. Connect antenna lead.
   c. Carefully slide the radio into the half-sleeve, making sure it is right-side-up. Use the supplied screws to attach the radio to the half sleeve.

Using the Cosmetic Trim Ring

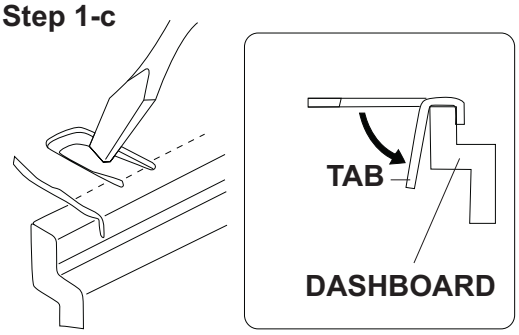
Two cosmetic trim rings are packaged with the head unit for installation flexibility. This unit will fit into most import dashes with little or no modification to the dash board/cavity. Some US domestic vehicle dashes will accept a Double-DIN chassis, but there is usually a small gap between the radio and dash piece after installation is complete. In this case, use the appropriate trim ring to conceal any gaps that may be present.

NOTE: For proper operation of the CD/DVD player, the chassis must be mounted within 30° of horizontal. Make sure the unit is mounted within this limitation.

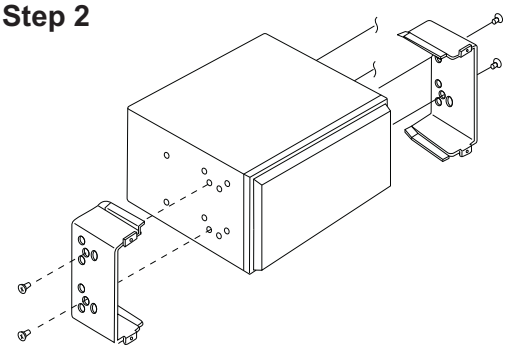
Step 1-b



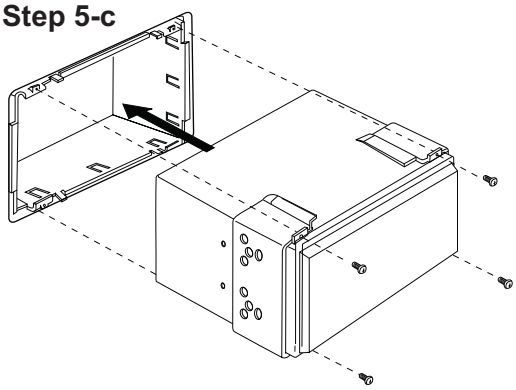
Step 1-c

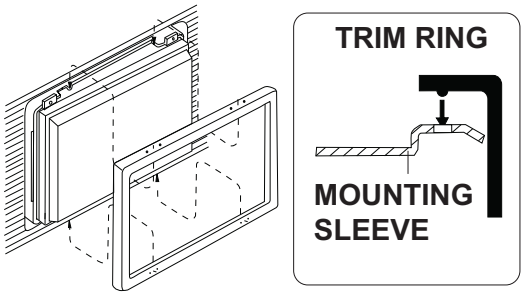


Step 2



Step 5-c

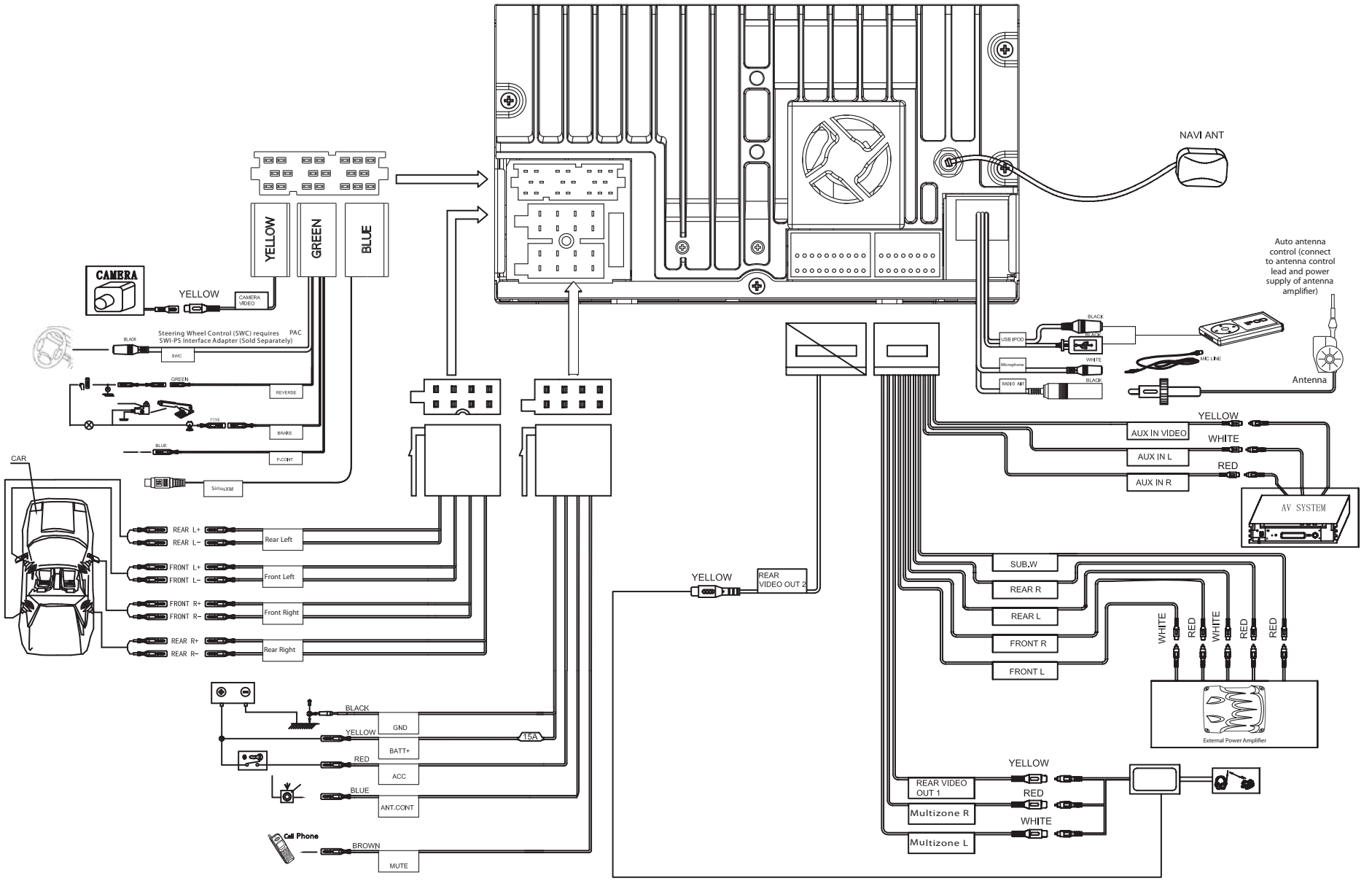




Wiring Diagram

CAUTION! IMPORTANT: Incorrect wiring connections can damage the unit. Follow the wiring instructions carefully, or have the installation handled by an experienced technician.

Need Help? For technical assistance, call the Jensen customer support line at 1-800-323-4815.



JENSEN

VM9725BT

Navigation
Operating Instructions

160 watts peak
40W x 4

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WARNINGS AND PRECAUTIONS

WARNING! Please read and follow the following safety precautions.
Failure to follow the instructions below may increase your risk of collision and personal injury.

The Attention - Please Drive Safely! Screen is displayed each time the iGo primo software is turned ON as a reminder to make use of the system's navigational aids in a safe manner.

Before using the software, read this entire manual. Make sure that you are familiar with the system's features and know how to operate the system. Proper use of the iGo primo software includes the following guidelines:

The iGo primo software is not a substitute for your personal judgment. The route suggestions should never supersede any local traffic regulation or your personal judgment and /or knowledge of safe driving practices. Prior to completing any maneuvers suggested by your iGo primo software (for example, a U-turn or a left turn), verify that you can legally and safely complete the maneuver. Do not follow route suggestions if they direct you to perform an unsafe or illegal maneuver, would place you in an unsafe situation, or would route you into an area that you consider unsafe.

Glance at the screen only when necessary and safe to do so. Let the computer voice guide you. If prolonged viewing is necessary, pull off the road to a safe location.

Do not use the iGo primo software to locate emergency services (such as police, fire stations, hospitals, and clinics). The database may not include all emergency service providers. Use your own best judgment and ask for directions in these situations.

If the vehicle is in motion, only a passenger should program the iGo primo software. The driver should not program the system unless the vehicle is parked in a safe location.

The iGo primo software's map database provides information on suggested routes without regard to factors that may affect your driving experience or the time required to arrive at your destination. For example, the system does not reflect road detours, closures or construction, some road characteristics (e.g., road surface, slope or grade, weight or height restrictions, etc.), temporary traffic congestion, weather conditions, and similar factors.

iGo primo software provides turn-by-turn visual and voice assistance to direct you to your selected destination. The software quickly calculates step-by-step directions to any destination available on the included navigation map.

The iGo primo software uses Global Positioning System (GPS) satellites, and a digital roadway map database to calculate and display travel directions. The system's GPS antenna receives signals from a constellation of 24 satellites orbiting the earth and uses the strongest signals to determine your position to within meters.

Vehicle Position

The iGo primo software's computer considers vehicle speed and heading changes, together with longitude and latitude information, to accurately determine vehicle heading and position on a digital map.

Signals from GPS satellites are used to determine the vehicle location. Three (good) or four (best) satellites must be received to accurately determine location. The GPS reception status is indicated by the GPS symbol on the map.

Map and Information Database

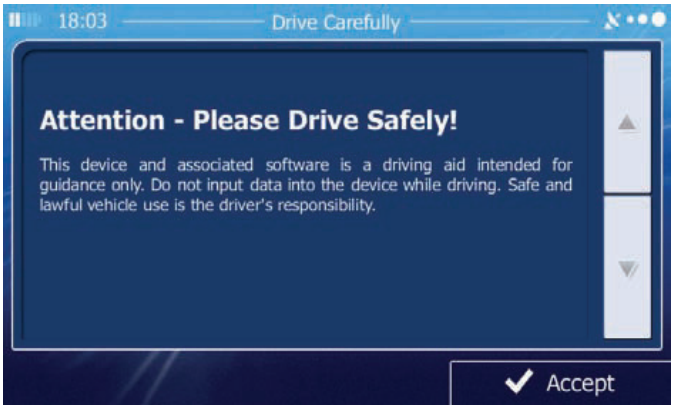
The map database used by your iGo primo software was created using high-resolution aerial and land based data collection.

Car navigation maps are frequently updated. While the database was judged to be as accurate as possible at the time of its release, a map database can never be 100% accurate. Road information that is maintained in the map databases, such as turn restrictions or road names may change over time.

SAFETY INFORMATION

User Agreement

When the unit is first turned on, you will see the following message, warning you to operate your navigation system appropriately:


18:03
Drive Carefully
Attention - Please Drive Safely!
This device and associated software is a driving aid intended for guidance only. Do not input data into the device while driving. Safe and lawful vehicle use is the driver's responsibility.
Accept

You must agree to the above notice before using the navigation software.

Tap ✔ Accept to proceed to the Navigation Menu.

Driver Safety Rules

The following safety rules must be followed to prevent accidents that can result in injury or death to yourself or others:

- The driver should operate the device only when the vehicle is stopped. Only a vehicle passenger should operate the device while the vehicle is moving. When driving, the need to view the display is minimal. Voice prompts will guide you to your destinations.
- It is your responsibility to comply with all traffic laws.
- The navigation software is designed to assist you in the process of reaching your destination. It is not a substitute for attentiveness and good judgement.
- It is your responsibility to disregard any unsafe, hazardous, or illegal route suggestions.
- The device does not include, analyze, process, consider, or reflect any of the following:
    a. Legal restrictions (such as vehicular type, weight, height, width, load and speed restrictions);
    b. Road slope or grade, bridge height, width, weight, or other limits;
    c. Population density;
    d. Neighborhood quality or safety;
    e. Availability or proximity of law enforcement, emergency rescue, medical, or other assistance;
    f. Construction work zones or hazards;
    g. Road or lane closures;
    h. Road, traffic, or traffic facilities' safety or condition;
    i. Weather conditions;
    j. Pavement characteristics or conditions;
    k. Special events;
    l. Traffic congestion.
- While every attempt is made to ensure that the database is accurate, roadways, points of interest, and business and service locations may change over time.
- Do not use the unit to navigate to a police station, hospital, etc. in an emergency. Call 911 for assistance.
- Laws in some states prohibit wearing stereo headphones or may prohibit use or placement of a navigation device while operating a motor vehicle. Please contact your state's Department of Motor Vehicles for information.

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QUICK START GUIDE

Follow these six easy steps and you are on your way.

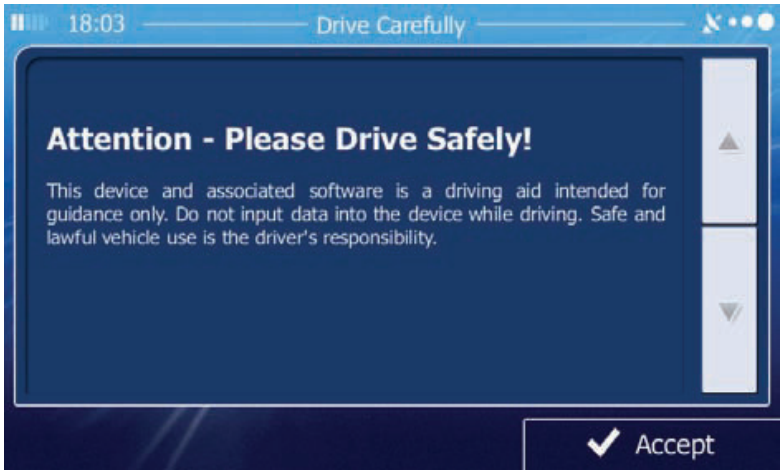
NOTE: Before operating your iGo Primo software, please carefully read and follow the instructions provided in the "Warnings and Precautions" section of this manual.

Step 1 - Access the navigation function:

You can access the navigation function by pressing the front panel NAV button.

Step 2 - Start Up:

After the iGo primo software starts, you will see the reminder warning to use your iGo primo software safely and lawfully.


18:03
Drive Carefully
Attention - Please Drive Safely!
This device and associated software is a driving aid intended for guidance only. Do not input data into the device while driving. Safe and lawful vehicle use is the driver's responsibility.
Accept

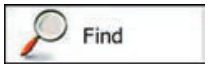
Step 3 - Access the Main Menu:

Press

access the Navigation Menu:

Step 4 - Select a Destination:

You have many ways to select a destination. Select by touching screen:

- Tap 

to select your destination by entering an address or selecting a place of interest, a location on the map or one of your Favorite destinations. You can also look up your recent destinations from the Smart History, enter a coordinate or use the location saved in a photo.
- Tap

to display the route parameters and the route in its full length on the map. You can also perform route-related actions such as editing or canceling your route, setting a start point for the route, picking route alternatives, avoiding parts of the route, simulating navigation or adding the destination to your Favorites.
- Tap

to customize the way the navigation software works, simulate demo routes, or to run some additional applications.
- Tap

to start navigating on the map. The button itself is a miniature live map that shows your current position, the recommended route and the surrounding map area. Tap the button to enlarge the map to the full screen.

Step 5 - Map/Guide Along Route

Proceed to the highlighted route and drive while the iGo primo software provides guidance to your destination.

Step 6 - Arriving at Your Destination

When you are near your destination, the destination is indicated by a checkered flag symbol .

Refer to the rest of this manual to become more familiar with the many options available on your iGo primo software.

INTRODUCTION

We hope that you enjoy using your new navigation system. This manual is designed to help you get the most out of your system.

This navigation system leads you straight to your destination. You can navigate and plan your route with an easy-to-use and intuitive interface, plan your trip to suit your personal preferences and interests, and find and save (bookmark) interesting destinations before you begin your trip.

Key Features

- TTS Voice Guidance – Street Names Announced
- English, French and Spanish TTS Voice
- Tele Atlas Map Data
- 11 Million Points of Interest
- 4GB SD Card with Continental US, Alaska, Hawaii, and Puerto Rico
- Latest Map Guarantee (Limited time only - Must be used within 90 days of initial activation)
- Compatible with Jensen VM9725BT multimedia receiver

Specifications

- SiRF Prima Processor
- Processor Speed 600MHz
- NAND Flash 256MB
- GPS Receiver - SiRF

About GPS and GNSS

The unit uses a vehicle Global Positioning System (GPS)-based navigation device which uses digital map data to guide you from your selected location A to location B, using location information obtained from a Global Navigation Satellite System (GNSS).

A GNSS consists of a set of satellites that transmit high-frequency radio signals containing time, direction, and distance data that can be picked up by a receiver, allowing users to pinpoint their precise locations anywhere around the globe. Navigation Satellite Receivers (GPS devices) use this transmitted information to calculate an exact location on the Earth. Every point on Earth can be identified by latitude and longitude. The receiver uses the information sent by at least three satellites and determines the coordinates of the receiving device.

By comparing the time the signals were transmitted from the satellites and the time they were recorded, the receiver calculates how far away each satellite is. The distance of the receiver from three or more satellites reflects its position on the surface of the planet. Using these distance measurements, the receiver might also be able to calculate speed, bearing, trip time, distance to destination, altitude, etc. The GPS position may be displayed as a point on a digital map (at least three satellites' signals must be received) and as the GPS device moves the corresponding trace is displayed as well.

Please keep in mind that although the radio signals of navigation satellites will pass through clouds, glass, plastic, and other lightweight materials, satellite-navigation receivers will not work underground or in some enclosed spaces.

Acquiring a Satellite Signal

The initial GPS location lock is best established when your vehicle is parked. If the device is in motion, the signal can take longer to initially connect. Once the initial coordinates are established, the software will follow you as you move and navigate.

Drive your vehicle to an open area where the GPS signal can be clearly received and park the vehicle. If the device is in motion, the signal can take longer to initially connect.

If you cannot acquire the signal, drive to another location. If the signal is still unobtainable, check your antenna installation.

Once a GPS signal has been established, verify that the information display clock time (time displayed on the radio) matches the navigation system clock. With an established GPS signal, the software will follow you as you move and navigate.

The GPS reception quality icon shows the current accuracy of the position information.

Icon	Description
	iGO primo has no connection to the GPS receiver: GPS navigation is not possible. Devices with a built-in GPS receiver are permanently connected. On such devices, the icon does not appear in normal circumstances.
	iGO primo is connected to the GPS receiver, but the signal is too weak and the receiver cannot determine the GPS position. GPS navigation is not possible.
	Only a few satellites are received. Position information is available, but elevation (altitude) cannot be calculated. GPS navigation is possible, but the position error may be significant.
	Altitude information is available, the position is a 3D position. GPS navigation is possible.

GETTING STARTED

iGO primo is optimized for in-car use. There is no need to use a stylus. You can use it easily by tapping the screen buttons and the map with your fingertips.

Accessing the Navigation Software

Press the MENU button and touch the Navigation icon to access navigation mode.

Adjusting the Navigation Voice Volume

While the Navigation is on and a route has been programmed, the Navigation will speak commands. While the Navigation is speaking, adjust the volume by turning the radio volume knob. The Navigation volume will remain at this level and when done speaking will return to the previous source (ie, radio) at the volume level set for that source.

The main volume must be set above zero in order to hear the spoken directions. If the radio is muted, the Bluetooth (if equipped) engaged in a call, or the volume knob has been turned to zero, the navigation will not be heard but your visual directions will continue.

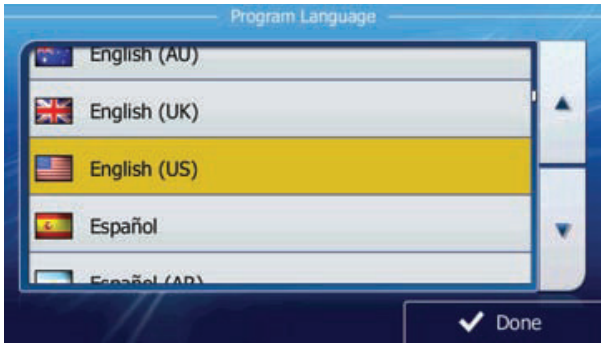
Selecting / Listening to a Source while Navigating

While navigating, other sources may be selected and listened to such as AM-FM Tuner, CD, etc. To listen to another source while navigating, press the SRC button and then select a source from the Source Menu. Navigation voice prompts will be heard automatically, although the navigation map cannot be seen. To view the navigation screen, but continue to listen to the selected source, press the NAV/ WIDE button.

INITIAL SETUP

When using the navigation software for the first time, an initial setup process starts automatically. Do as follows:

1. Select the written language of the application interface. Later you can change it in Regional settings.

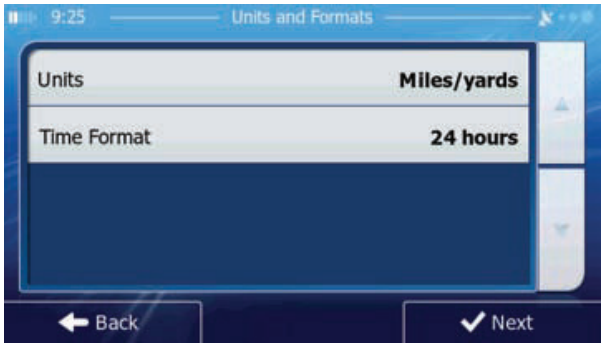


2. Read the End User License Agreement. Tap ✔ Accept to continue.

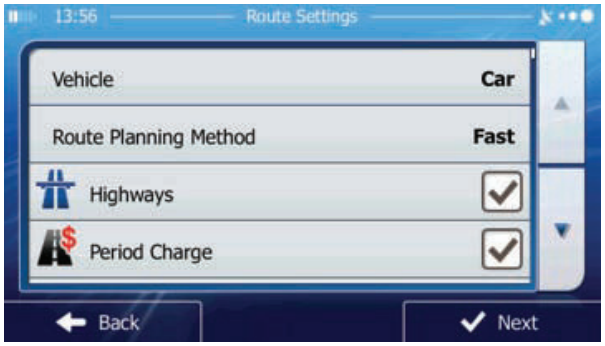
3. The Configuration Wizard starts. Tap ✔ Next to continue.
4. Select the language and speaker used for voice guidance messages. Later you can change it in Sound and Warnings settings.

14:07
EULA
End User Licence Agreement
1 The contracting parties
1.1 This Agreement has been entered into by and between Nav N Go Kft. (registered seat: 23 Bérc utca, H-1016 Budapest, Hungary; Company reg.no.: 01-09-891838) as Licensor (hereinafter: Licensor) and You as the User (hereinafter: User; the User and the Licensor jointly referred to as Parties) in subject of the use of the software product specified in this Agreement.
2 Conclusion of the Agreement
2.1 The Parties hereby acknowledge that this Agreement shall be concluded by implicit conduct of the Parties without signing the Agreement.
2.2 The User hereby acknowledges that following the lawful acquisition of the
Decline
Accept

5. If needed, modify the time format and unit settings. Later you can change them in Regional settings.



6. If needed, modify the default route planning options. Later you can change them in Route settings.



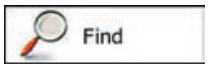
7. The initial setup is now complete. The Configuration Wizard can be restarted later from the Settings menu.

After the initial setup, the Navigation Menu appears and you can start using iGO primo.

NAVIGATION MENU

You can reach all parts of iGO primo from the Navigation Menu.

You have the following options:

- Tap 

to select your destination by entering an address or selecting a place of interest, a location on the map or one of your Favorite destinations. You can also look up your recent destinations from the Smart History, enter a coordinate or use the location saved in a photo.
- Tap

to display the route parameters and the route in its full length on the map. You can also perform route-related actions such as editing or canceling your route, setting a start point for the route, picking route alternatives, avoiding parts of the route, simulating navigation or adding the destination to your Favorites.
- Tap

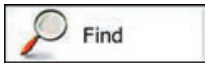
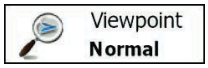
to customize the way the navigation software works, simulate demo routes, or to run some additional applications.
- Tap

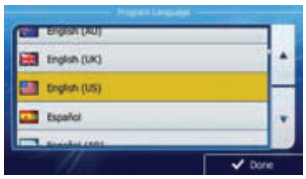
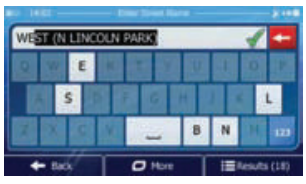
to start navigating on the map. The button itself is a miniature live map that shows your current position, the recommended route and the surrounding map area. Tap the button to enlarge the map to the full screen.

BUTTONS AND OTHER CONTROLS ON THE SCREEN

When you are using iGO primo, you usually tap buttons on the touch screen.

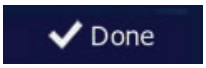
You only need to confirm selections or changes if the application needs to restart, it needs to perform a major reconfiguration, or you are about to lose some of your data or settings. Otherwise, iGO primo saves your selections and applies the new settings without confirmation as soon as you use the controls.

Type	Example	Description	How to Use It
Button		Tap it to initiate a function, to open a new screen, or to set a parameter.	Tap it once.
Button with value		Some buttons display the current value of a field or setting. Tap the button to change the value. After the change, the new value is shown on the button.	Tap it once.
Icon		Shows status information.	Some icons also function as a button. Tap them once.

List		When you need to select from several options, they appear in a list.	Grab the list anywhere and slide your finger up or down. Depending on the speed of the sliding, the list will scroll fast or slow, only a bit or until the end. Alternatively, move between pages with the and buttons and tap the value that you want.
Radio button		When there are only a few choices, radio buttons may be used instead of lists. Only one value can be selected.	Tap one of the buttons to select a new value.
Switch		When there are only two choices, a checkmark shows whether the feature is enabled.	Tap it to turn the switch on or off.
Slider		When a feature can be set to different values in a range, iGO primo shows an indicator on a gauge that displays and sets the value	• Drag the handle to move the slider to its new position. • Tap the slider where you want the handle to appear; the thumb jumps there.
Virtual keyboard		Alphabetic and alphanumeric keyboards to enter text and numbers.	Each key is a touch screen button.

Using Keyboards

You only need to enter letters or numbers when you cannot avoid it. You can type with your fingertips on the full-screen keyboards and you can switch between various keyboard layouts, for example English, Greek or numerical.

Task	Instruction
Switching to another keyboard layout, for example from an English keyboard to a Greek keyboard.	Tap the button and select the new keyboard layout from the list.
Correcting your entry on the keyboard.	Tap to remove the unneeded character(s). Tap and hold the button to delete several characters or the entire input string.
Entering a space, for example between a first name and a family name or in multi-word street names.	Tap the button at the bottom center of the screen.
Entering numbers and symbols.	Tap to switch to a keyboard offering numeric and symbol characters.
Finalizing the keyboard entry (accepting the suggested search result).	Tap .
Finalizing the keyboard entry (opening the list of search results).	Tap .
Finalizing the keyboard entry (saving your input).	Tap  .
Canceling the keyboard entry (returning to the previous screen).	Tap .

Beyond Single Screen Tap

You usually need to tap the screen only once. However, some useful features can be accessed with combined touch screen tapping. Those are the following:

Action	Details
Tapping and holding the screen.	Tap and keep pressing the following buttons to reach extra functions: • Tap and hold on list and menu screens: the Map screen appears. • Tap and hold any of the , , , , , and buttons on the Map screen: you can rotate, tilt or scale the map continuously. • Tap and hold on keyboard screens: you can delete several characters quickly. • Tap and hold or in long lists: you can scroll pages continuously.
Gestures (drag & drop).	You need to drag and drop the screen only in cases like: • Moving the handle on a slider. • Scrolling the list: grab the list anywhere and slide your finger up or down. Depending on the speed of the sliding, the list will scroll fast or slow, only a bit or until the end. • Moving the map in map browsing mode: grab the map, and move it in the desired direction.

MAP SCREEN

The Map screen is the most frequently used screen of iGO primo.

Navigating On the Map

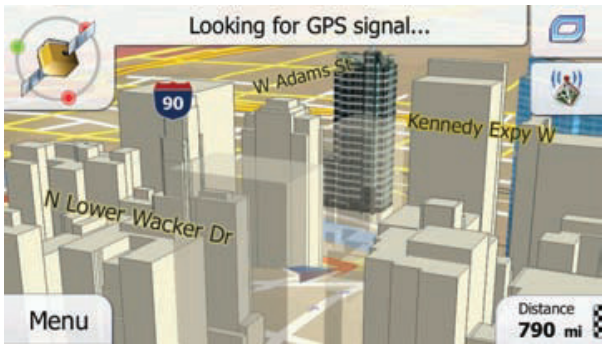
A small live map is displayed on the startup screen, the Navigation Menu, as a part of the **Show Map** button.

To enlarge this small map and open the Map screen, tap **Show Map**.

This map shows the current position (the Vehimarker, a red arrow by default), the recommended route (an orange line), and the surrounding map area.

When there is no GPS position, the Vehimarker is transparent. It shows your last known position.

You see colored dots circling around a satellite symbol in the top left corner. The more green dots you see, the closer you are to get the valid GPS position.



When GPS position is available, the Vehimarker is displayed in full color, now showing your current position.

There are screen buttons and data fields on the screen to help you navigate. During navigation, the screen shows route information.

By default, only one data field is displayed in the bottom right corner. Tap this field to see all route data fields.

Tap any of the data fields to suppress others and display only the selected one. The data fields are different when you are navigating an active route and when you have no specified destination (the orange line is not displayed).

Default data fields when cruising without a destination (tap and hold any of the fields to change its value):

Field	Description
Speed 61 km/h	Shows your current speed given by the GPS receiver.
Speed Limit 70 km/h	Shows the speed limit of the current road if the map contains it.
Time 17:11	Shows the current time corrected with time zone offset. The accurate time comes from the GPS satellites, and the time zone information comes from the map or it can be set manually in Regional settings. (The current time is always displayed in the top left corner of menu screens.)

Default data fields when navigating a route (tap and hold any of the fields to change its value):

Field	Description
Distance 16.9 km	Shows the distance you need to travel on the route before reaching your final destination.
Time Left 0:16	Shows the time needed to reach the final destination of the route based on information available for the remaining segments of the route. Historical traffic data or traffic patterns are also taken into account whenever such information exists..
Arrival Time 17:22	Shows the estimated arrival time at the final destination of the route based on information available for the remaining segments of the route. Historical traffic data or traffic patterns are also taken into account whenever such infromation exists.

Position Markers

Vehimarker and Lock-on-Road

When your GPS position is available, iGO primo marks your current position with the Vehimarker. By default, this marker is a red arrow, but you can change this icon in Settings.

The exact location of the Vehimarker depends on the vehicle type used for route calculation. The vehicle type can be selected in Route settings.

- If you choose pedestrian: The Vehimarker is at your exact GPS position. The direction of the icon shows your current heading.
- If you choose any of the vehicles: The Vehimarker may not show your exact GPS position and heading. If roads are near, it is aligned to the nearest road to suppress GPS position errors, and the direction of the icon is aligned to the direction of the road.

Selected Map Location (Cursor) and Selected Map Object

You can mark a map location in the following ways:

- Tap the map when navigating,
- Tap the map when you are asked to confirm the destination at the end of a search, or
- Tap the map in Find on Map.

When a map location is selected, the Cursor appears at the selected point on the map.

The Cursor is displayed with a radiating red dot ( ) to make it visible at all zoom levels.

The location of the Cursor can be used as the destination of the route, a new alert point, you can search for Places around it, or you can save this location as one of your Favorite destinations.

You can also select some of the objects on the map. If you tap the map at the icon of a Place of Interest or an alert point, the object will be selected (you see a red circling border around the object), and you can get information about this object or use it as a route point.

Objects On the Map

Streets and Roads

iGO primo shows the streets in a way that is similar to how the paper road maps show them. Their width and colors correspond to their importance: you can easily tell a freeway from a small street.

Turn Preview and Next Street

When navigating a route, the top section of the Map screen shows information about the next route event (maneuver) and the next street or the next city/town.

There is a field in the top left corner that displays the next maneuver. Both the type of the event (turn, traffic circle, exiting freeway, etc.) and its distance from the current position are displayed.

A smaller icon shows the type of the second next maneuver if it is near the first one. Otherwise, only the next maneuver is displayed.

Most of these icons are very intuitive. The following table lists some of the frequently shown route events. The same symbols are used in both fields:

Icon	Description
	Turn left.
	Turn right.
	Turn back.
	Bear right.
	Turn sharp left.
	Keep left.
	Continue straight in the intersection.
	Go left on the traffic circle, 3rd exit (next maneuver).
	Enter traffic circle (second next maneuver).
	Enter freeway.
	Exit freeway.
	Board ferry.

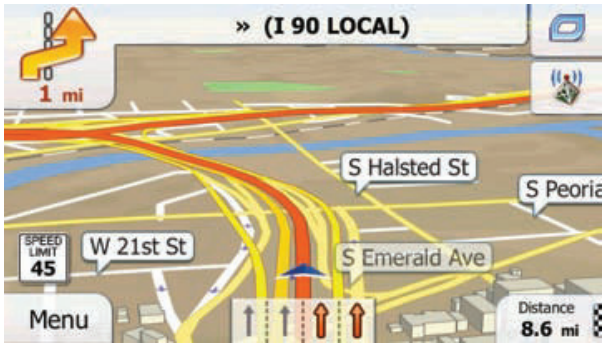
	Leave ferry.
	Approaching a waypoint.
	Approaching the destination.

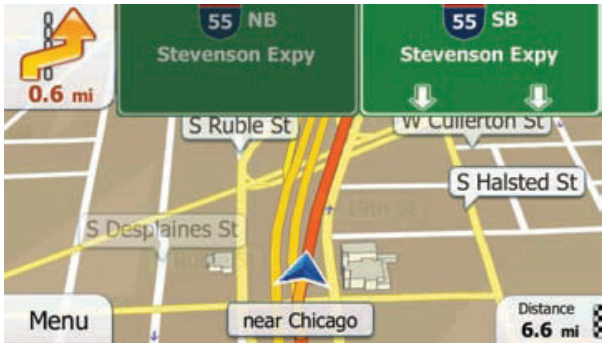
Lane Information and Signposts

When navigating on multilane roads, it is important to take the appropriate lane in order to follow the recommended route. If lane information is available in the map data, iGO primo displays the lanes and their directions using small arrows at the bottom of the map. Highlighted arrows represent the lanes you need to take.

Where additional information is available, signposts substitute arrows. Signposts are displayed at the top of the map. The color and style of the signposts are similar to the real ones you can see above road or by the roadside. They show the available destinations and the number of the road the lane leads to.

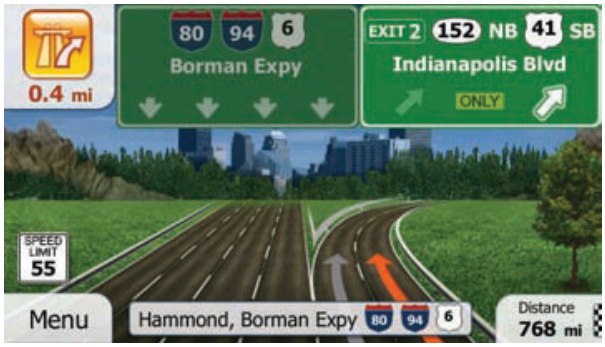
All signposts look similar when cruising (when there is no recommended route). When navigating a route, only the signpost that points to the lane(s) to be taken is displayed in vivid colors; all others are darker.





Junction View

If you are approaching a freeway exit or a complex intersection and the needed information exists, the map is replaced with a 3D view of the junction. The lanes you need to take are displayed with arrows. Signposts can also be present if information is available.



3D Object Types

iGO primo supports the following 3D object types:

Type	Description
3D terrain	3D terrain map data shows changes in terrain, elevations or depressions in the land when you view the map in 2D, and use it to plot the route map in 3D when you navigate. Hills and mountains are shown in the background of the 3D map, and illustrated by color and shading on the 2D map.
Elevated roads	Complex intersections and vertically isolated roads (such as overpasses or bridges) are displayed in 3D.
3D landmarks	Landmarks are 3D artistic or block representations of prominent or well-known objects.

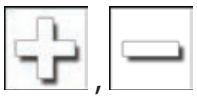
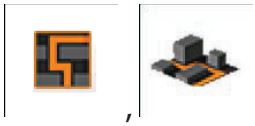
Elements of the Active Route

iGO primo shows the route in the following way:

Symbol	Name	Description
	Current GPS position and Start point	Your current position displayed on the map. • In pedestrian mode it is the exact GPS position. • If a vehicle is selected for route calculation and roads are near, the symbol is snapped onto the nearest road. Normally if GPS position is available, the route starts from the current position. If there is no valid GPS position, iGO primo uses the last known position as the start point.
	Waypoint (intermediate destination)	An intermediate destination of the route before reaching the final destination.
	Destination (end point)	The final destination of the route.
	Route color	The route always stands out with its color on the map, both in daytime and in night color mode.
	Streets and roads that are excluded from the navigation	You can choose whether you want to use or avoid certain road types. However, when iGO primo cannot avoid such roads, the route will include them and it will show them in a color that is different from the route color.
	Streets and roads that are affected by traffic events	Road segments may be affected by traffic events received. These streets and roads are displayed in an alternate color, and small symbols displayed along the route show the type of the traffic event.

Manipulating the Map

Tap the map anywhere to browse it during navigation. The map stops following the current position (the Vehimarker, a red arrow by default, is not locked in a fix position on the screen any more) and control buttons appear to help you modify the map view.

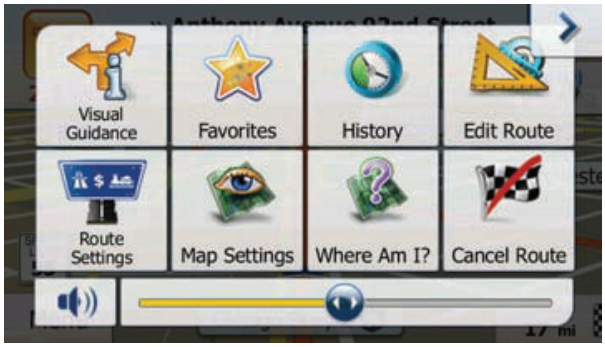
Action	Button(s)	Description
Moving the map with drag & drop.	No buttons	You can move the map in any direction: tap and hold the map, and move your finger towards the direction you want to move the map.
Zooming in and out		Changes how much of the map is displayed on the screen. iGO primo uses high-quality vector maps that let you examine the map at various zoom levels, always with optimized content. It always displays street names and other text with the same font size, never upside-down, and you only see the streets and objects that you need. Map scaling has a limit in 3D map view mode. If you zoom out further, the map switches to 2D view mode. Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly.
Tilting up and down		Changes the vertical view angle of the map in 3D mode. Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly.
Rotating left and right		Changes the horizontal view angle of the map. Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly.
2D or 3D view		Tap this button to switch between the 3D perspective and 2D top-down map view modes.

Compass in 2D map view mode		The direction of the compass shows North. Tap the button to switch to North-up view, and then tap again to rotate the map in the previous direction.
Compass in 3D map view mode		The direction of the compass shows North. Tap the button to switch to North-up view, and then tap again to rotate the map in the previous direction.
Location information		Tap this button to open a new screen with information about the selected map point, the Cursor.
Return to normal navigation		Tap this button to move the map back to follow the current GPS position. Automatic map rotation is also re-enabled. The map manipulation buttons disappear and navigation continues.
Additional options		Tap this button to open a list of additional features like saving the Cursor as a Favorite destination, or searching for Places around the Cursor.
Select destination		Tap this button to select the Cursor as a new destination. The route is automatically calculated.

Quick Menu

The Quick menu is a selection of controls and functions that are frequently needed during navigation.

It can be opened directly from the Map screen by tapping .



The menu will close after a few seconds of inactivity or if you tap .

The menu will also close if you initiate simple controls like muting the device. In other cases tapping a button will open a new screen with options.

Most of these functions are shortcuts. They are accessible from the menu system.

There are more functions available than the number of buttons in the menu. In Settings, you can choose the function of each button. The following options are available:

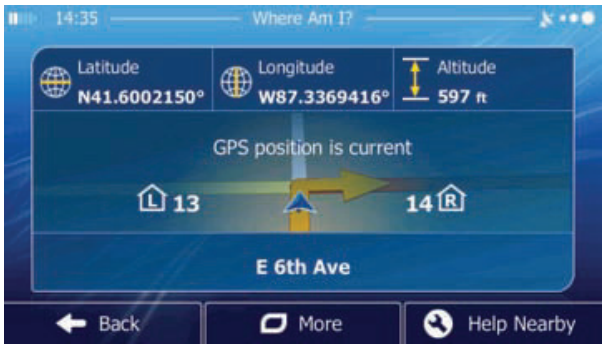
Button	Description	Shortcut for:
Master Volume slider	This slider adjusts the sound volume of the device. All sounds of the application are affected.	More / Settings / Sound and Warnings / Volume / Master slider
	This switch mutes all sounds of the device. Tap again to re-enable sounds.	More / Settings / Sound and Warnings / Volume / Master switch
	This function lets you search for a Place along your route or around your current location if there is no route calculated.	Find / Find Places / Quick Search
	This button opens the list of your Favorite destinations.	Find / Favorite
	This button opens the History list. You can select one of your previous destinations.	Find / History
	This button opens the route editing function.	My Route / Edit Route
	This button opens the route related settings.	More / Settings / Route Settings
	This button opens the map related settings.	More / Settings / Map Settings

	This button opens a special screen with information about the current position and a button to search for nearby emergency or roadside assistance. For details, see the next chapter.	n/a
	This button cancels the route and stops navigation. The button is replaced with the next one if waypoints are given.	My Route / Cancel Route
	This button skips the next waypoint from the route.	n/a
	This button opens a 2D map scaled and positioned to show the entire route.	My Route / Overview
	This button opens the Visual Guidance settings screen.	More / Settings / Visual Guidance
	This button lets you bypass parts of the recommended route.	My Route / Avoidances
	This button opens the Trip Monitor screen where you can manage your previously saved trip logs and track logs.	More / Trip Monitor
	This button opens the list of maneuvers (the itinerary).	Tap the top of the Map screen during navigation.
	With this function you can save the active route for later use.	My Route / More / Save Route

	With this function you can replace the active route with a previously saved route.	My Route / More / Load Route
	With this function you can search for Places of Interest in various different ways.	Find / Find Places
	This button opens the Map screen and starts simulating the active route.	My Route / More / Simulate Navigation
	This button opens the GPS Information screen with satellite position and signal strength information.	Tap the top of the Map screen when there is no GPS reception.

Checking the Details of the Current Position (Where Am I?)

Opened from the Quick menu, this screen contains information about the current position (or about the last known position if GPS reception is not available) and a button to search for useful Places nearby.

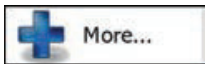


Information On This Screen:

- and : Latitude and Longitude (coordinate of the current position in WGS84 format).
- : Altitude (elevation information coming from the GPS receiver - often inaccurate).
- : House number on the left.
- : House number on the right.

- In the middle of the screen you can see whether the position is current, or the time left since it was last updated.
- Address details (when available) of the current position are also displayed at the bottom.

You can also perform some actions on this screen:

Tap 

to save the current position as a Favorite destination.

You can also search for assistance near your current position. Tap

to open a new screen for the Quick search:

The following services can be searched around the current position or the last known position:

-

: Car repair and roadside assistance services
-

: Medical and emergency services
-

: Police stations
-

: Gas stations

Tap any of the buttons, select a Place from the list, and navigate to it.

NAVIGATING

You can set up your route in different ways:

- If you need a route for immediate navigation, you can select the destination and start navigating to it right away (normal navigation).
- You can also plan a route independently of your current GPS position or even without GPS reception (to achieve this, you need to turn off the GPS receiver and set a new starting point in My Route / Edit Route by tapping the flag icon at the current position).

You can plan routes with multiple destinations. Select the first destination. Then select a second destination and add it to your route to create a multi-point route. You can add as many destinations to your route as you like.

SELECTING THE DESTINATION OF A ROUTE

iGO primo offers you several ways of choosing your destination:

- Enter a full address or a part of an address, for example a street name without a house number or the names of two intersecting streets.
- Enter an address with ZIP code. This way you do not need to select the name of the city and the search for street names might be faster as well.
- Use a built-in Place of Interest as your destination.
- Select a location on the map with the Find on Map feature.
- Use a previously saved Favorite destination.
- Select a location from the History of previously used destinations.
- Enter the coordinate of the destination.
- Use the location where a photo was taken.

Entering an Address or a Part of the Address

If you know at least a part of the address, it is the quickest way to select the destination of the route.

Using the same screen, you can find an address by entering:

- the exact address, including house number
- the center of a city/town
- an intersection
- the midpoint of a street
- any of the above, starting the search with the ZIP code.

Entering an Address (United States)

To enter an address as the destination, do as follows:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Address.
3. By default, iGO primo proposes the country and state where you are. If needed,

   tap Country, enter the first few letters of the destination country or state on the keyboard, and select one from the list. If you select a country without a state, you can search for a city/town in all its states.

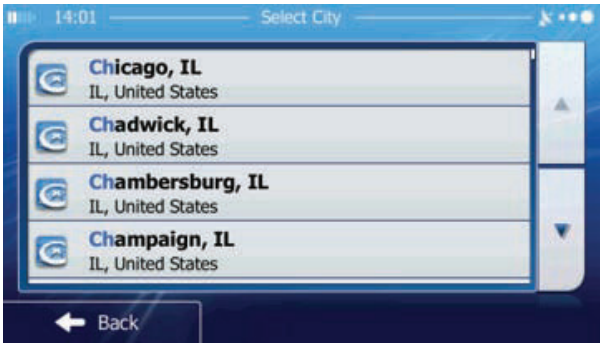
4. Select a new city/town:

   a. Tap City. The city/town of your current location is offered by default. For a local search, tap ✓ to accept it, otherwise continue with entering the destination city/town name.
   b. Start entering the name of the city/town on the keyboard.
   c. Find the city/town you need:

   • The most likely city/town name is always shown in the input field.

To accept it, tap ✓.

- If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the city/ town from the list.



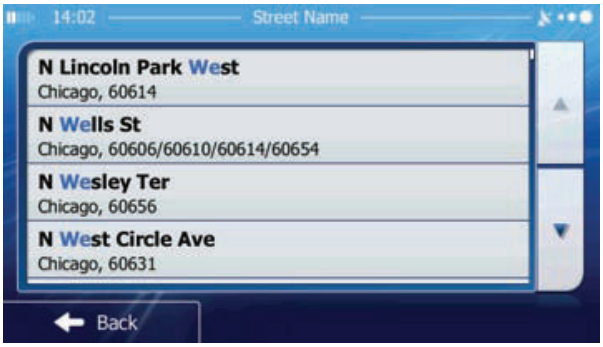
5. Enter the street name:

   a. Tap Street .
   b. Start entering the street name on the keyboard.
   c. Find the street you need:

- The most likely street name is always shown in the input field.

To accept it, tap .

- If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the street from the list.



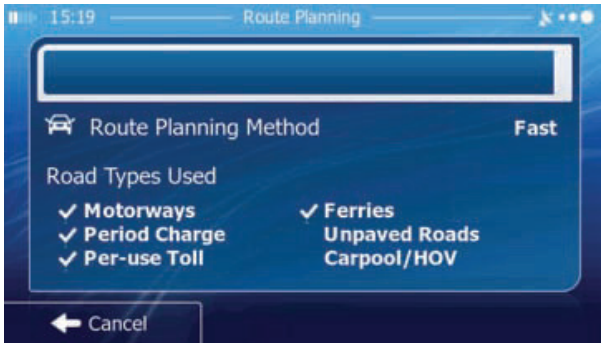
6. Enter the house number:

   a. Tap <House Number> .
   b. Enter the house number on the keyboard. (To enter letters, tap QWE).

   c. Tap Done to finish entering the address. (If the entered house number cannot be found, the midpoint of the street is selected as the destination.)

7. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

8. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap More to modify route parameters, or tap Go! and start your journey.

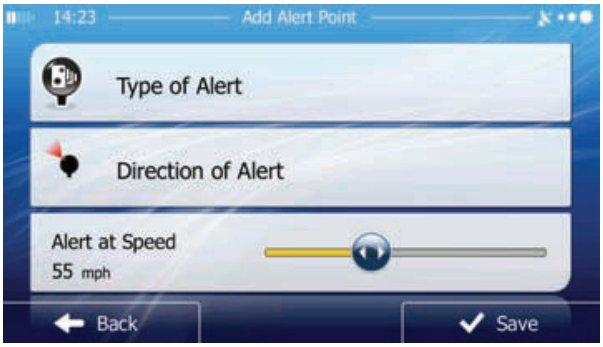
Tip!

If you know that you will use this destination frequently, before tapping Next to confirm the destination, put it on the list of your Favorites first: tap More then Add to Favourites, give a name for the new Favorite, and tap Done to save the location. The map with the destination returns automatically. Now you can start your journey.

Entering an Address (Canada)

To enter an address as the destination, do as follows:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Address.
3. By default, iGO primo proposes the country, state and city where you are. If needed, tap Country, enter the first few letters of the destination country or state on the keyboard, and select one from the list. If you select a country without a state, you can search for a city/town in all its states.



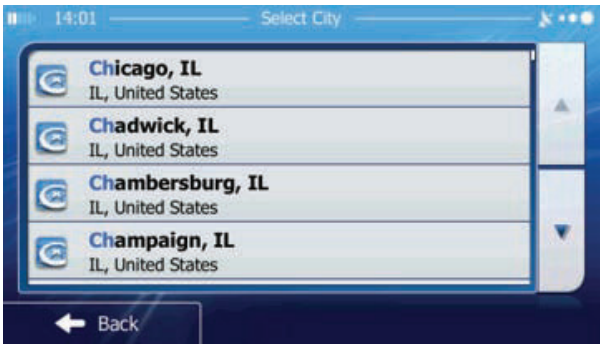
4. If needed, select a new city/town:

   a. Tap City.
   b. Start entering the name of the city/town on the keyboard.
   c. Find the city/town you need:

   • The most likely city/town name is always shown in the input field.

   To accept it, tap .

- If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the city/ town from the list.



5. Enter the street name:

   a. Tap Street .
   b. Start entering the street name on the keyboard.
   c. Find the street you need:

- The most likely street name is always shown in the input field.

To accept it, tap .

- If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the street from the list.

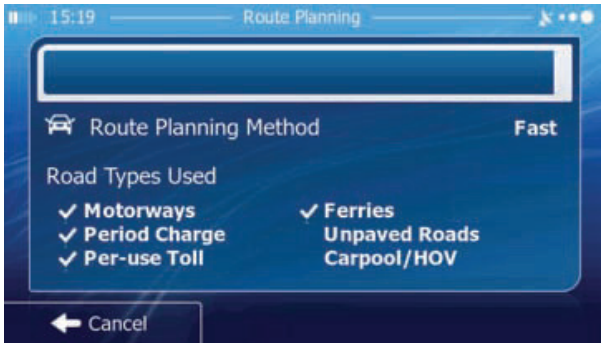
6. Enter the house number:

   a. Tap <House Number> .
   b. Enter the house number on the keyboard. (To enter letters, tap QWE).

   c. Tap Done to finish entering the address. (If the entered house number cannot be found, the midpoint of the street is selected as the destination.)

7. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

8. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

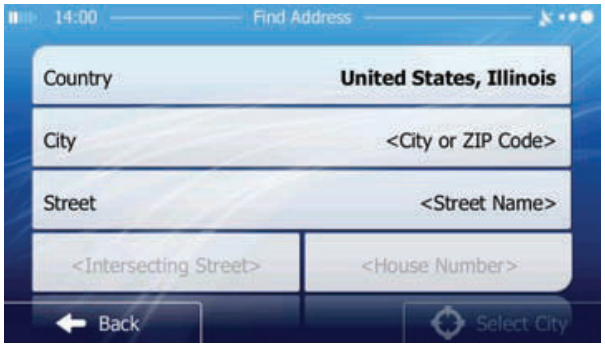


Tap More to modify route parameters, or tap Go! and start your journey.

Entering an Address Starting with the Street Name (in the United States only)

You can leave the city/town name empty and start the search with the street name. This way you can search in all streets of a state. Do as follows:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Address.
3. By default, iGo primo proposes the country and state where you are. If needed, tap the button with the name of the country, enter the first few letters of the destination country or state on the keyboard, and select a country and state from the list. If you select the country without a state, this function cannot work.



4. Enter the street name:

   a. Tap Street.
   b. Start entering the street name on the keyboard.
   c. Find the street you need:

   • The most likely street name is always shown in the input field.

To accept it, tap .

- If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the street from the list.

5. Enter the house number:

   a. Tap <House Number> .
   b. Enter the house number on the keyboard. (To enter letters, tap QWE).
   c. Tap Done to finish entering the address. (If the entered house number cannot be found, the midpoint of the street is selected as the destination.)

6. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

7. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

Tap More to modify route parameters, or tap Go! and start your journey.

Entering the Midpoint of a Street as the Destination

You can navigate to the midpoint of a street if the house number is not available:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Address.
3. Select the country, state and city as described earlier.
4. Enter the street name:

   a. Tap Street.
   b. Start entering the street name on the keyboard.
   c. Find the street you need:

- The most likely street name is always shown in the input field.

To accept it, tap .

- If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the street from the list.

5. Instead of entering the house number, tap Select Street . The midpoint of the street is selected as the destination.

6. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.
7. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

Tap More to modify route parameters, or tap Go! and start your journey.

Selecting an Intersection as the Destination

To enter an address as the destination, do as follows:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Address.
3. Select the country, state and city as described earlier.
4. Enter the street name:

   a. Tap Street.
   b. Start entering the street name on the keyboard.
   c. Find the street you need:

- The most likely street name is always shown in the input field.

To accept it, tap .

- If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the street from the list.

5. Enter the intersecting street name:

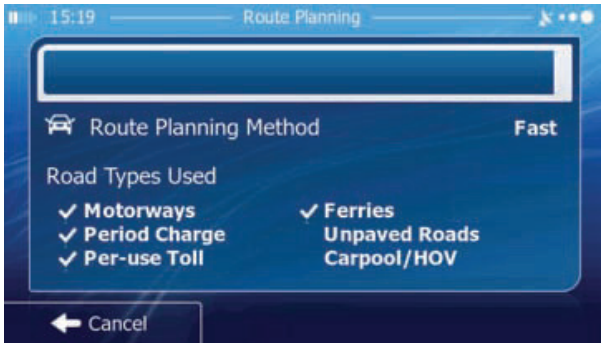
   Tap <Intersecting Street>.

   - If only a few intersecting streets exist, their list appears immediately.
   - In case of a longer street, the keyboard screen appears. Start entering the name of the intersecting street on the keyboard.

   As soon as the street names that match the entered string can be shown on one screen, their list appears automatically. Select from the list.

6. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

7. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap More to modify route parameters, or tap Go! and start your journey.

Selecting a City/Town Center as the Destination

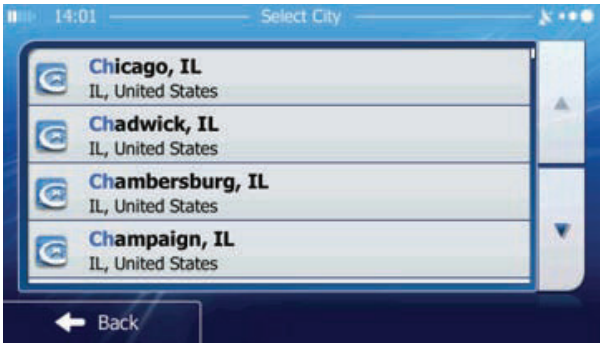
The city/town center is not the geometric center of the city but an arbitrary point the map creators have chosen. In towns and villages, it is usually the most important intersection; in larger cities, it is one of the important intersections.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Address.
3. Select the country and state as described earlier.
4. Select the destination city/town:

   a. Tap City.
   b. Start entering the name of the city/town on the keyboard.
   c. Find the city/town you need:

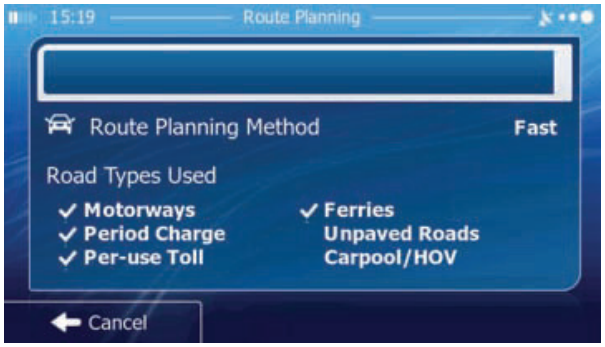
   - The most likely city/town name is always shown in the input field.

     To accept it, tap ✓.
   - If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap Results). Select the city/town from the list.



5. Instead of entering the street name, tap Select City. This way the center of the displayed city/town becomes the destination of the route.

6. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.
7. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap More to modify route parameters, or tap Go! and start your journey.

Entering an Address with a ZIP Code

1. All of the above address searching possibilities can be performed with entering the ZIP code instead of the city name. Find below an example with a full address:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Address.
3. Select the country and state as described earlier.
4. Enter a new city/town using its ZIP code:

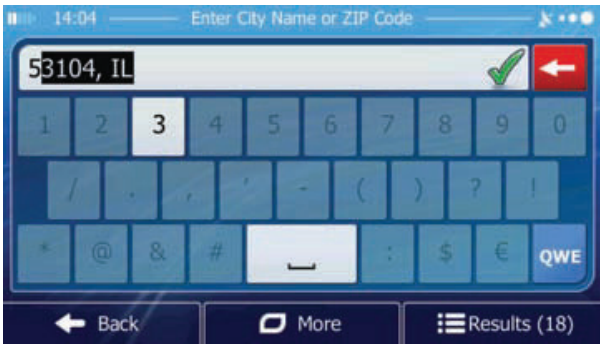
   a. Tap City.

   b. Tap 123 to open the numeric keypad.

   c. Start entering the ZIP code.

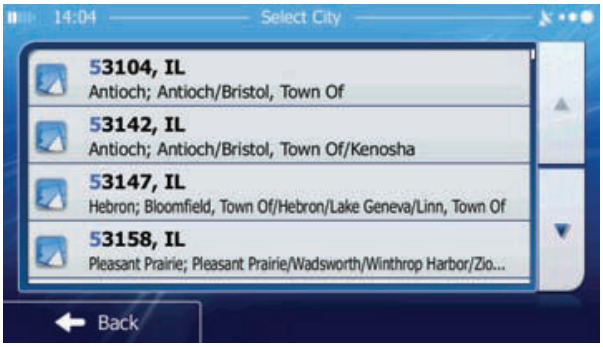
   d. Find the city/town you need:

- The most likely ZIP code is always shown in the input field.



To accept it, tap ✓.

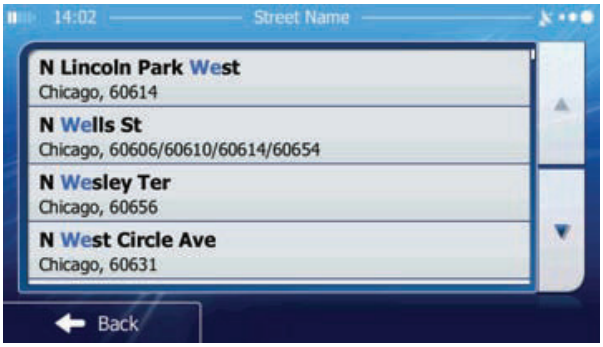
- If the desired number does not show up, open the list of results by tapping Results. Select the ZIP code from the list.



5. Enter the street name:

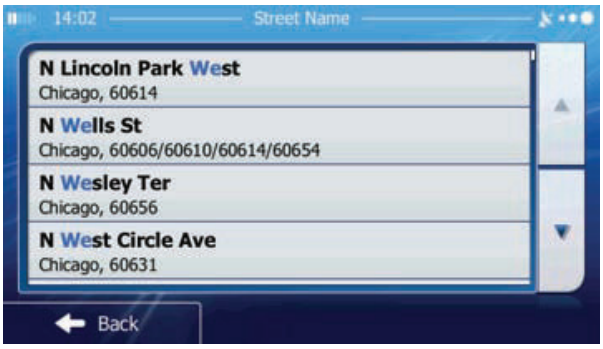
   a. Tap [Street].
   b. Start entering the street name on the keyboard.
   c. Find the street you need:

   • The most likely street name is always shown in the input field.



   To accept it, tap [✓].

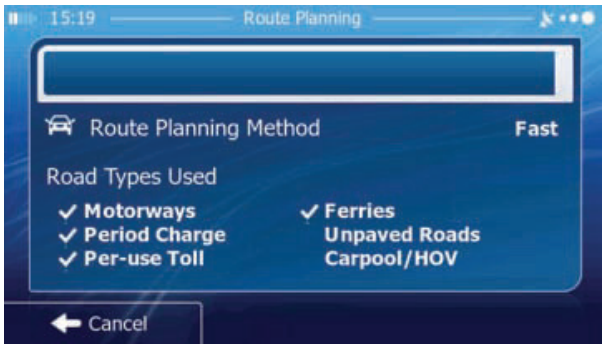
   • If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of results before it appears automatically, tap [Results]). Select the street from the list.



6. Enter the house number:

   a. Tap [<House Number>].
   b. Enter the house number on the keyboard. (To enter letters, tap [QWE]).
   c. Tap [✓ Done] to finish entering the address. (If the entered house number cannot be found, the midpoint of the street is selected as the destination.)

7. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap [Next] to confirm the destination, or tap [Back] to select a different destination.
8. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap [More] to modify route parameters, or tap [Go!] and start your journey.

Tips on Entering Addresses Quickly

When you are entering the name of a city/town or a street:

- Only those letters are offered on the keyboard that appear in possible search results. All other characters are grayed out.
- As you are typing, the most likely result is always displayed in the input field. If the guess is correct, tap to select it.
- After entering a couple of letters, tap

to list the items that contain the specified letters.

You can speed up finding an intersection:

- Search first for the street with a less common or less usual name; fewer letters are enough to find it.
- If one of the streets is shorter, search for that one first. You can then find the second one faster.

You can search for both the type and the name of a road. If the same word appears in several names, for example in the name of streets, roads and avenues, you can obtain the result faster if you enter the first letter of the street type: For example, enter 'PI A' to obtain Pine Avenue and skip all Pine Streets and Pickwick Roads.

You can also search in ZIP codes. As ZIP codes consist of only a few characters, this is usually faster than entering the name of the city/town.

Selecting the Destination from the Places of Interest

You can select your destination from the Places of Interest included with iGo primo. Using the same screen, you can find a Place in different ways:

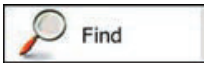
- with the Quick search feature, you can quickly find a nearby Place by its name
- with the Preset search feature, you can find frequently searched types of Places with only a few screen taps
- you can search for a Place by its category
- you can search for a Place by its name.

In addition, you can search for special services from the 'Where Am I?' screen.

Quick Search for a Place of Interest

The Quick search feature lets you quickly find a Place by its name. The search is always carried out:

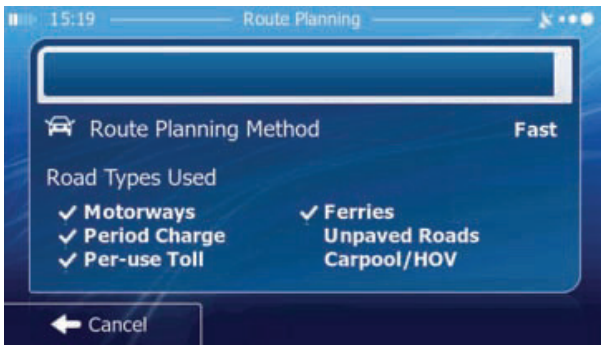
- along the recommended route if it exists or
- around your current location if there is no destination given.

1. Start the Quick search function:
   - If you are on the Map screen, tap and then tap .
   - If you are in the Navigation menu, tap  , and then tap .
2. Using the keyboard, start entering the name of the Place.

3. After entering a few letters, tap to open the list of Places with names containing the entered character sequence.

4. (Optional) The Places in the list are ordered by the length of the necessary detour (when navigating a route) or by their distance from the current position (when no destination is given).

   If you need to reorder the list, tap More .
5. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.
6. (Optional) Tap to see the details of the selected Place. Tap Back to return to the map.
7. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.
8. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

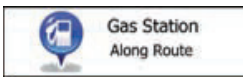


Tap More to modify route parameters, or tap Go! and start your journey.

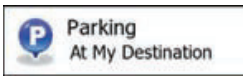
Searching for a Place of Interest Using Preset Categories

The Preset search feature lets you quickly find the most frequently selected types of Places.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Places.
3. The preset search categories appear:



- If an active route exists, gas stations are searched along the route.
- If there is no active route (destination is not selected), they are searched around the current position.
- If the current position is not available either (no GPS signal), they are searched around the last known position.



- If an active route exists, parking lots are searched around the destination of the route.
- If there is no active route (destination is not selected), they are searched around the current position.
- If the current position is not available either (no GPS signal), they are searched around the last known position.

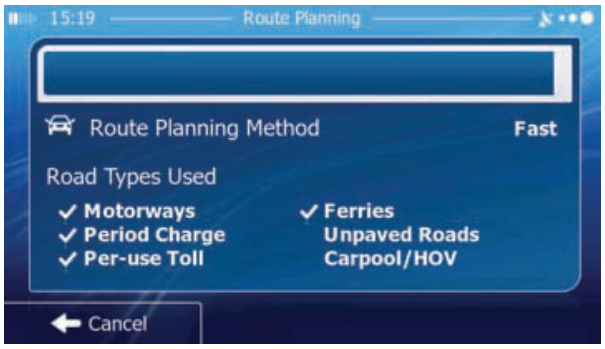
- If an active route exists, restaurants are searched along the route.
- If there is no active route (destination is not selected), they are searched around the current position.
- If the current position is not available either (no GPS signal), they are searched around the last known position.

- If an active route exists, accommodation is searched around the destination of the route.
- If there is no active route (destination is not selected), they are searched around the current position.
- If the current position is not available either (no GPS signal), they are searched around the last known position.

4. Tap any of the quick search buttons to get an instant list of Places.

5. (Optional) The Places in the list are ordered by their distance from the current or last known position, from the destination or by the length of the necessary detour.
   If you need to reorder the list, tap More .
6. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.
7. (Optional) Tap to see the details of the selected Place. Tap Back to return to the map.
8. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

9. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap More to modify route parameters, or tap Go! and start your journey.

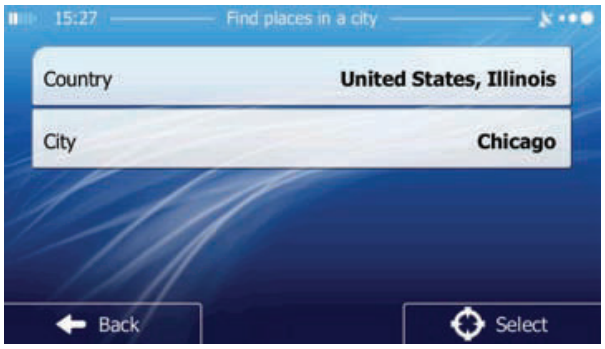
Searching for a Place of Interest by Category

You can search for Places of Interest by their categories and subcategories.

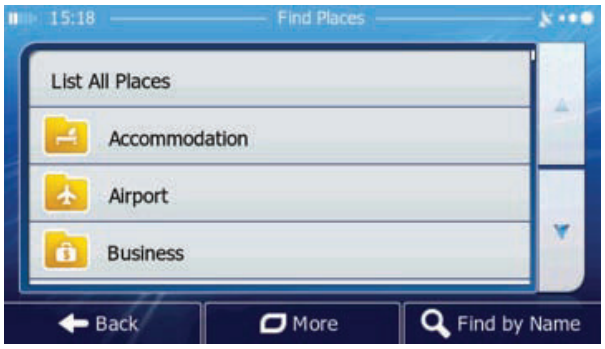
1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find Places.
3. Tap Custom Search.
4. Select the area around which the Place should be searched for:

   - Tap **Around Here** to search around the current position or if it is not available, around the last know position. (The result list will be ordered by the distance from this position.)
   - Tap **In a City** to search for a place within a selected city/town. (The result list will be ordered by the distance from the center of the selected city/town.)
   - Tap **Around Destination** to search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.)
   - Tap **Along Route** to search along the active route, and not around a given point. This is useful when you search for a later stopover that results in a minimal detour only, such as searching for upcoming gas stations or restaurants. (The result list will be ordered by the length of the necessary detour.)

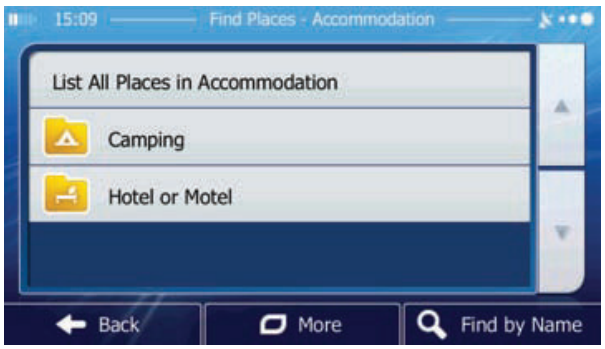
5. (Optional) If you have selected **In a City**, select the city/town to search in.



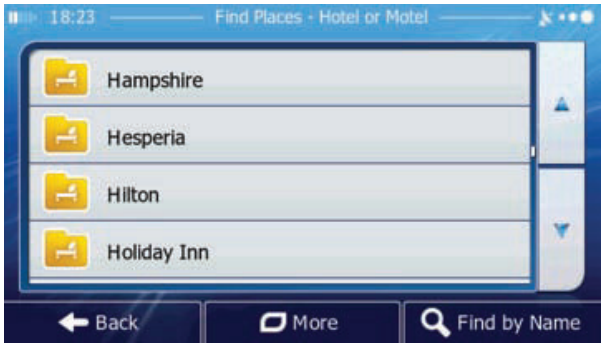
6. Select one of the main Place categories (e.g. Accommodation) or tap **List All Places** to list all Places around the selected location or along the route.



7. Select one of the Place subcategories (e.g. Hotel or Motel) or tap **List All Places** to list all Places in the selected main category around the selected location or along the route.



8. Sometimes the list of brands in the selected Place subcategory appears. Select one brand or tap List All Places to list all Places in the selected subcategory around the selected location or along the route.



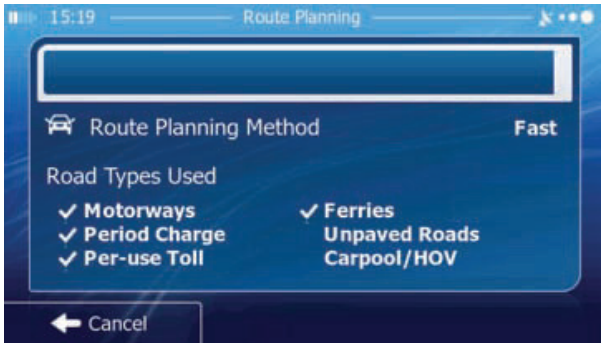
9. Finally, the results appear in a list.

10. (Optional) The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the necessary detour.

    If you need to reorder the list, tap More.

11. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.
12. (Optional) Tap to see the details of the selected Place. Tap Back to return to the map.
13. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

14. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap More to modify route parameters, or tap Go! and start your journey.

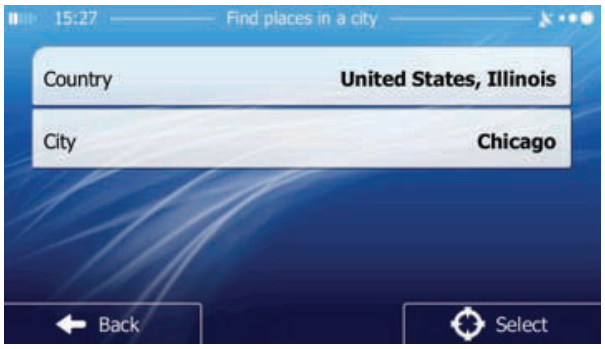
Searching for a Place of Interest by Name

You can search for Places of Interest by their names. You can search around different locations or along your route in the whole Place database or in one Place category or subcategory only.

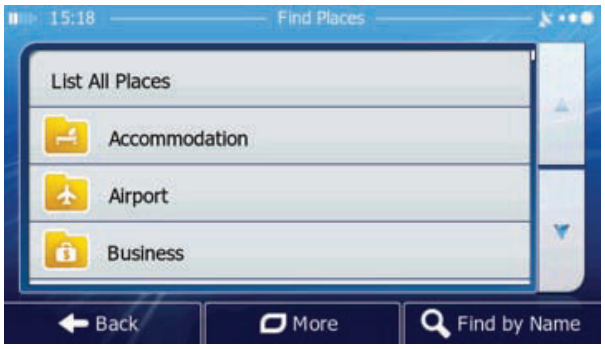
1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find , Find Places .
3. Tap Custom Search .
4. Select the area around which the Place should be searched for:

   - Tap Around Here to search around the current position or if it is not available, around the last know position. (The result list will be ordered by the distance from this position.)
   - Tap In a City to search for a place within a selected city/town. (The result list will be ordered by the distance from the center of the selected city/town.)
   - Tap Around Destination to search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.)
   - Tap Along Route to search along the active route, and not around a given point. This is useful when you search for a later stopover that results in a minimal detour only, such as searching for upcoming gas stations or restaurants. (The result list will be ordered by the length of the necessary detour.)

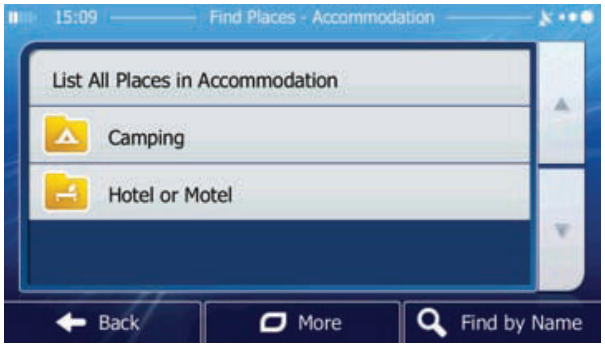
5. (Optional) If you have selected **In a City**, select the city/town to search in.



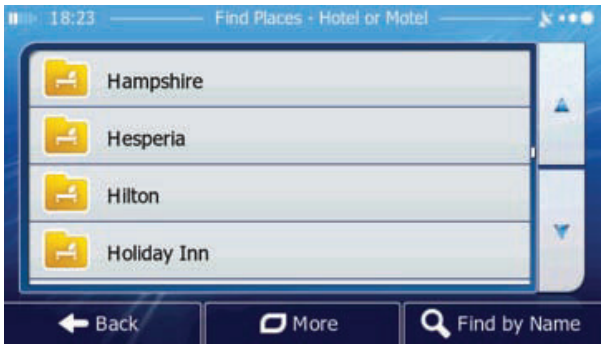
6. Tap **Find by Name** to search in all Places, or select one of the main Place categories (e.g. Accommodation) to search in.



7. Tap **Find by Name** to search in the selected Place category or select one of the Place subcategories (e.g. Hotel or Motel) to search in.



8. Tap Find by Name if you have not done it before.



9. Using the keyboard, start entering the name of the Place.

10. After entering a few letters, tap Results to open the list of Places with names containing the entered character sequence.

11. (Optional) The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the necessary detour.

    If you need to reorder the list, tap More .

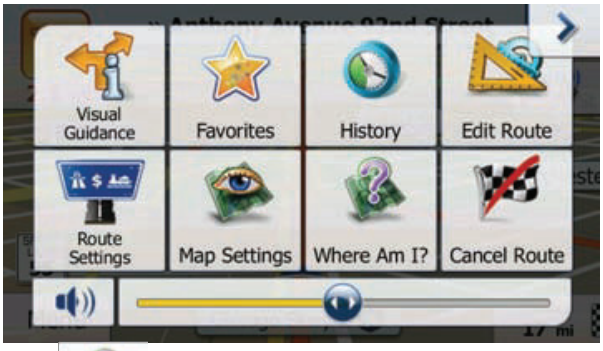
12. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.
13. (Optional) Tap to see the details of the selected Place. Tap Back to return to the map.
14. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.
15. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

Tap More to modify route parameters, or tap Go! and start your journey.

Selecting Nearby Assistance from 'Where Am I?'

You can quickly search for nearby assistance from the 'Where Am I?' screen.

1. On the Map screen, tap to open the Quick menu.



2. Tap

, and then

.

3. Preset search categories appear, all for searching around the current position (or around the last known position if the current position is not available):
   -

: Car repair and roadside assistance services
   -

: Medical and emergency services
   -

: Police stations
   -

: Gas stations

4. Tap any of the quick search buttons to get an instant list of that type of Places.

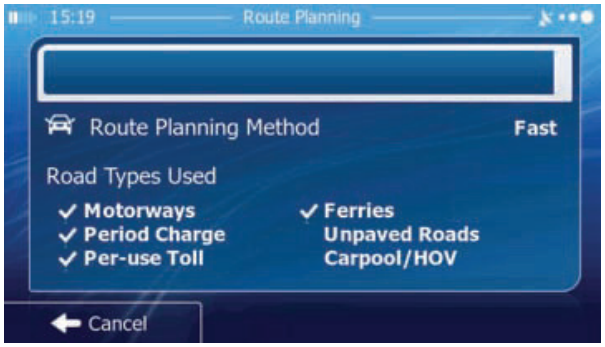
5. (Optional) The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the necessary detour.

   If you need to reorder the list, tap More .

6. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

7. (Optional) Tap to see the details of the selected Place. Tap Back to return to the map.

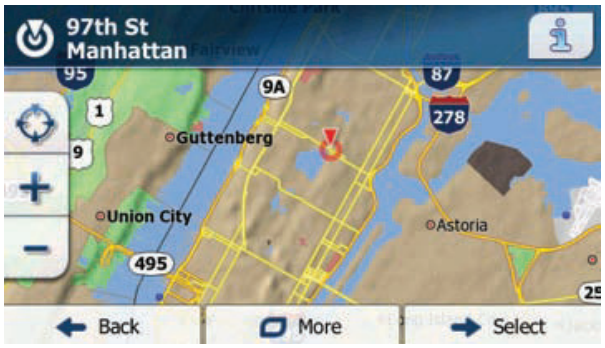
8. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap [Next] to confirm the destination, or tap [Back] to select a different destination.
9. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap [More] to modify route parameters, or tap [Go!] and start your journey.

Selecting a Map Location as the Destination

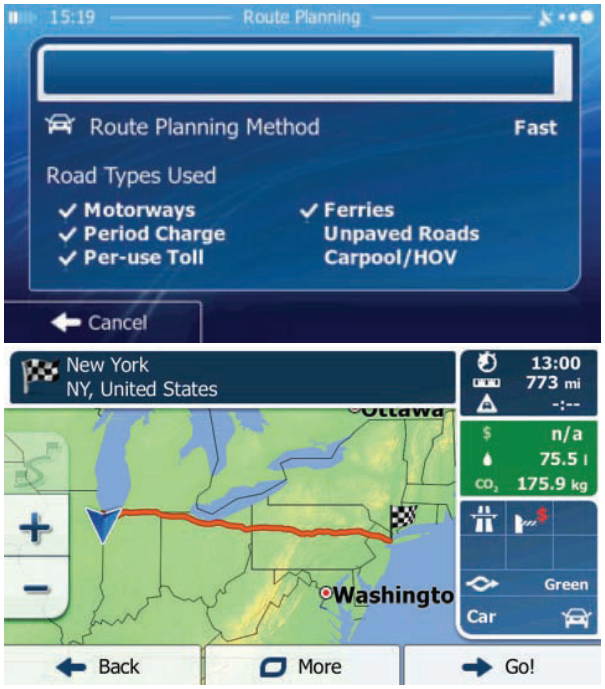
1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap the following buttons: Find, Find on Map.
3. Locate your destination on the map: move and scale the map as needed.



4. Tap the location that you want to select as your destination.

   The Cursor ( ) appears.

5. Tap Select to select the Cursor as the destination.
6. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

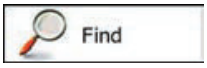


   Tap More to modify route parameters, or tap Go! and start your journey.

Selecting the Destination from Your Favorites

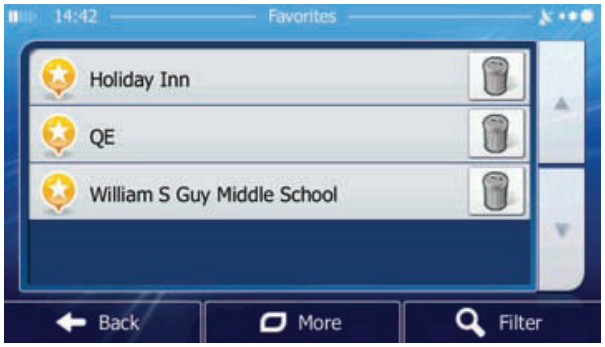
You can select a location that you have already saved as a Favorite to be your destination.

1. Access the list of Favorites:
   - If you are on the Map screen, tap and then tap

.
   - If you are in the Navigation menu, tap 

and then tap

.
2. The list of Favorite destinations is displayed.



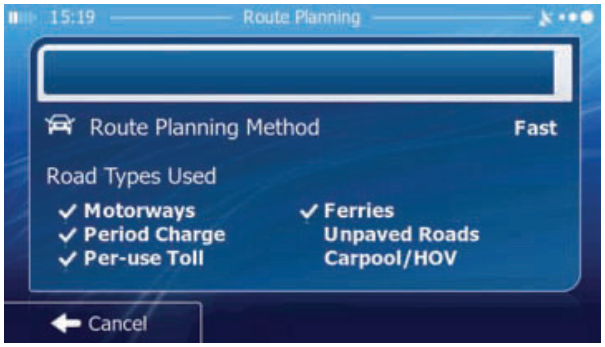
3. Tap the Favorite that you want to set as your destination. If necessary, browse down to see more of the list or tap

and enter a few letters from the name of the Favorite destination.
4. A full screen map appears with the selected point in the middle. The Cursor ( ) appears at the new location. Tap

to confirm the destination, or tap

to select a different destination.

5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.



Tap [More] to modify route parameters, or tap [Go!] and start your journey.

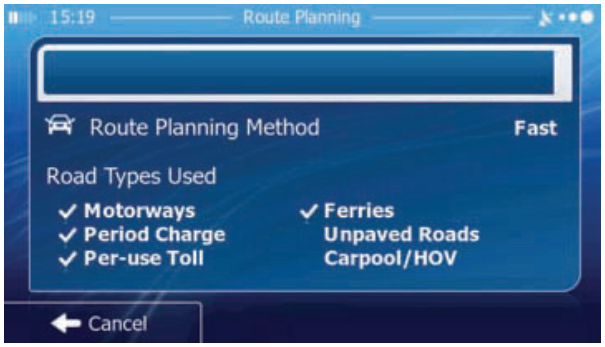
Selecting One of the Most Likely Destinations (Smart History)

The destinations that you have set earlier appear in the History list. Two of those recent destinations are shown in the Destination menu for easy access. Smart History offers these locations based on your navigation habits, using parameters like the current time of day, the day of week, and the current location. The more you use the navigation software, the better it can guess your desired destination.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap Find.

3. Tap the #1 or the #2 destination in the History field.
4. A full screen map appears with the selected point in the middle. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

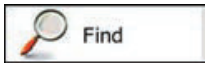
5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

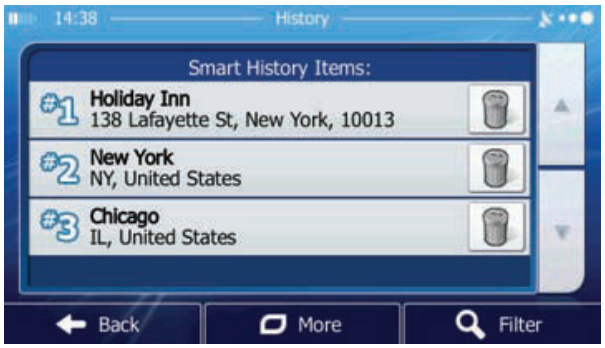


Tap More to modify route parameters, or tap Go! and start your journey.

Selecting a Recent Destination from the History

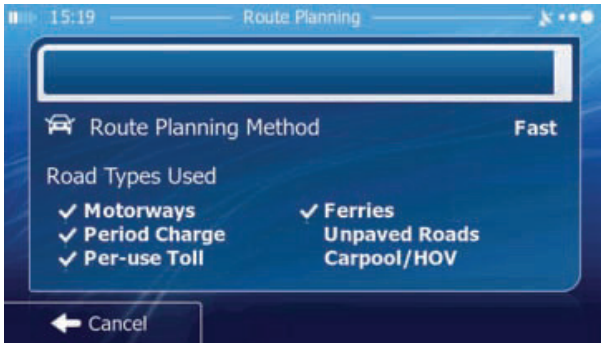
The destinations that you have set earlier appear in the History.

1. Access the History:
   - If you are on the Map screen, tap and then tap
   - If you are in the Navigation menu, tap  and then tap .
2. The list of recent destinations appear. Smart History promotes three destinations to the first page based on your previous routes (most likely destinations). The rest of the destinations are ordered by time they were last selected. If necessary, scroll the list to see earlier destinations.



3. Select a destination from the list.
4. A full screen map appears with the selected point in the middle. The Cursor ( ) appears at the new location. Tap to confirm the destination, or tap to select a different destination.

5. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

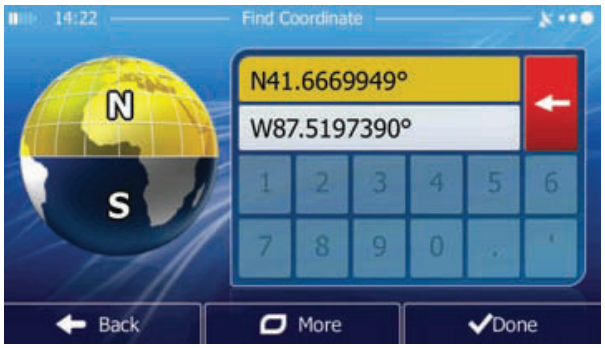


Tap More to modify route parameters, or tap Go! and start your journey.

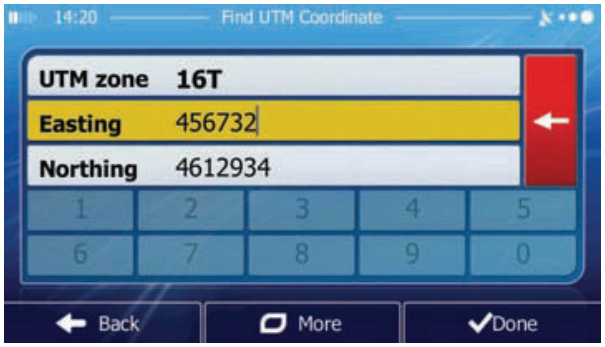
Entering the Coordinates of the Destination

You can also select a destination by entering its coordinate. Do as follows:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap Find.
3. Open the More menu and tap Coordinate.
4. You can enter the latitude and longitude values in any of the following formats: decimal degrees; degrees and decimal minutes; or degrees, minutes and decimal seconds.

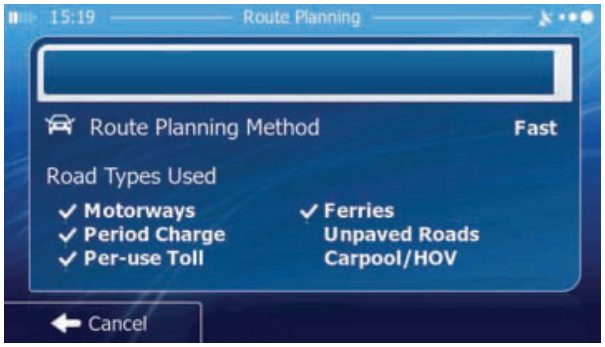


5. (Optional) If necessary, tap More then UTM and enter the coordinate in UTM format.



6. When finished, tap Done.

7. A full screen map appears with the selected point in the middle. The Cursor ( ) appears at the new location. Tap [Next] to confirm the destination, or tap [Back] to select a different destination.
8. After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated.

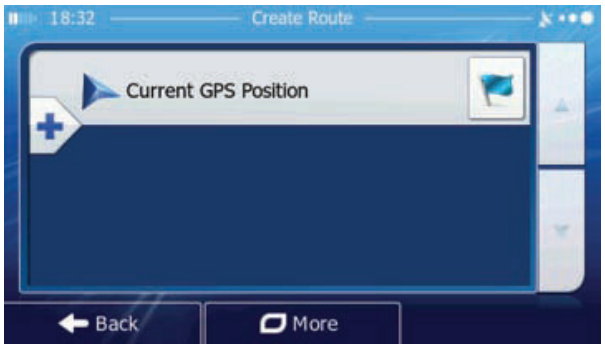


Tap [More] to modify route parameters, or tap [Go!] and start your journey

Building a Route from the List of Destinations (Create Route)

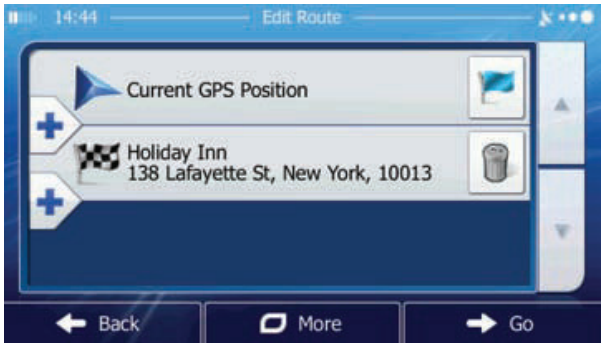
You can also build your route destination by destination from the My Route menu.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap My Route.
3. Tap Create Route.



4. There is only one line in the list of route points, the start point of the route, normally the current GPS position.
5. Tap + to select the destination.
6. The Destination menu appears and you can select the destination of the route the same way as described in the previous sections.

7. When the new destination is selected, the list returns.

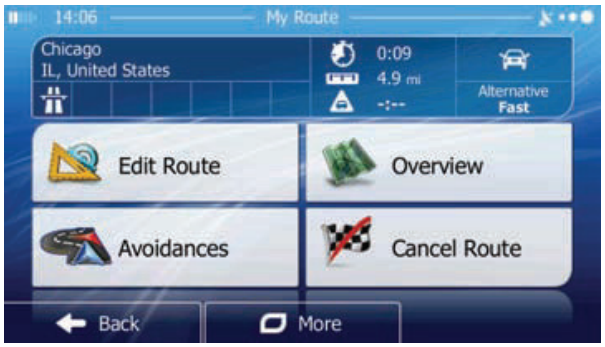


8. To add more destinations, tap where you want to insert the new route point in the list, and repeat the above procedure.

VIEWING THE ENTIRE ROUTE ON THE MAP

It is easy to get a map overview of the active route. Do as follows:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap My Route.
3. Tap Overview. The active route is displayed in its full length on the map together with additional information and controls.



CHECKING ROUTE PARAMETERS AND ACCESSING ROUTE RELATED FUNCTIONS

You can check different parameters of the route recommended by iGo primo.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap My Route.
3. The following pieces of information are displayed:
   - The name and/or address of the destination.
   - Warning icons (if any). They provide extra information about your route (e.g. unpaved roads or toll roads to be taken).
   - The total time of the route.
   - The total length of the route.
   - Estimated delay calculated from traffic events on your route.
   - The symbol of the vehicle type used in route calculation.
   - The route planning method (e.g. Fast).

4. You have the following options on this screen (for detailed instructions on how to use them, see the next chapter):
   - Tap Edit Route to edit the route: to add or remove destinations or change their sequence. You can also set a route start point other than your current location. This can be useful to plan and save a future trip.
   - Tap Overview to display the entire route on the map.
   - Tap Avoidances to bypass a part of the route.
   - Tap Cancel Route to delete the active route.
   - Tap More to open a list with more options like selecting from route alternatives, changing route parameters, simulating the route, saving the active route or loading a previously saved route.
   - Tap Back to return to the Navigation menu.

MODIFYING THE ROUTE

When navigation is already started, there are several ways to modify the active route. The following sections show some of those options.

Selecting a New Destination When Already Having a Route:
New Route, Waypoint or Final Destination

If you already have a recommended route and you select a new destination as described in the above sections, the application will ask you whether to start a new route, add a new waypoint (intermediate destination) to the route or append the newly selected destination at the end of the current route.

- Tap

to plan a new route to the newly selected location. The previous destination and waypoint(s) are deleted.

- Tap

to add the newly selected location as an intermediate destination to your route. The other destinations of the route remain intact. Note: the new waypoint is placed among destinations to keep the route optimal. To decide where a waypoint should appear, use the Edit Route feature.

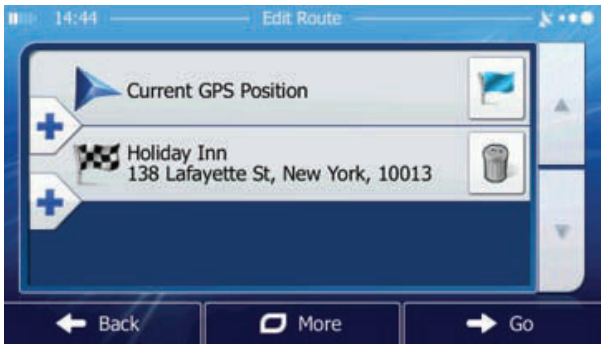
- Tap

to append the newly selected destination at the end of the route. The other destinations of the route remain intact. The previous final destination is now the last waypoint.

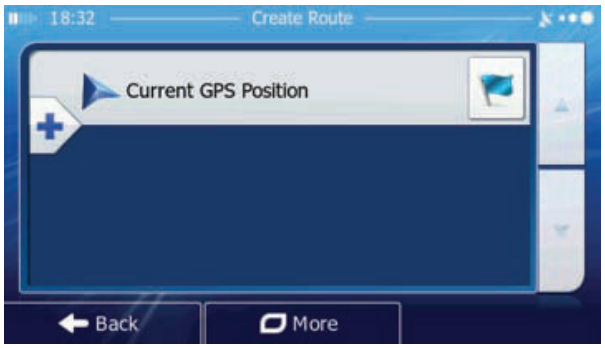
Setting a New Starting Position for the Route

For normal navigation, all routes are planned from the current position. In order to check future routes, simulate them or see their length in time and distance, you can turn off the GPS receiver. Then you can set the starting point of the route to a different location than the current GPS position.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap My Route.
3. If you already have a route, tap Edit Route.

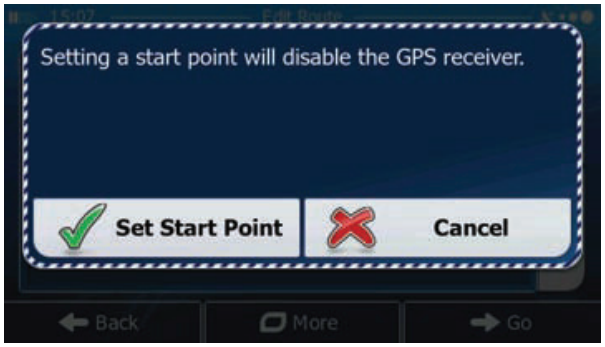


If you are starting a new route, tap Create Route.



4. The first line is the start of the route, normally the current GPS position.

   Tap and confirm your action at the warning message.



5. The Destination menu appears and you can select the start point of the route the same way you select a destination.

6. When the new start point is set, tap

.
7. The map returns with a transparent Vehimarker (showing that there is no GPS reception). If an active route already existed, it is now recalculated starting from the selected location.

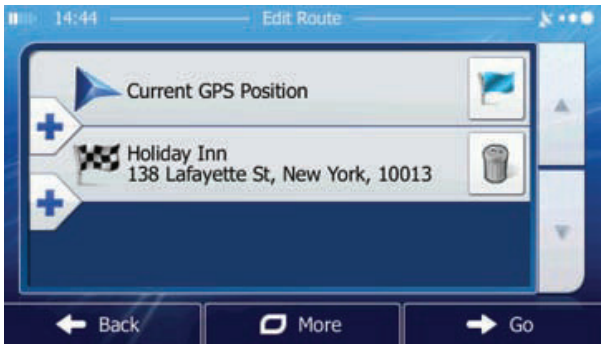
8. To return to normal navigation, tap

.

Editing the List of Destinations (Edit Route)

You can edit the route by modifying the list of destinations. You can add or remove destinations, modify the start position or reorder the list.

1. If you are on the Map screen, tap Menu to return to the Navigation menu.
2. In the Navigation menu, tap My Route.
3. If you already have a route, tap Edit Route.



4. You have the following options:
   - Tap to add a new destination.
   - Tap to delete a destination.
   - Tap to modify the start point of the route.
   - Tap More to reorder the list. You can do it manually or you can let the application optimize the route for you.

Pausing the Active Route

You do not need to pause the active route: when you start driving again, iGo primo restarts the voice instructions from your position.

Canceling the Active Route

To cancel the navigated route, do one of the following:

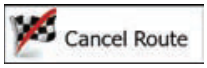
- If you are on the Map screen, tap and then tap

.

  (If you have a route with waypoints, you need to tap

until all waypoints are deleted.)

- In the Navigation menu, tap

and then tap 

. The active route is deleted with all its waypoints.

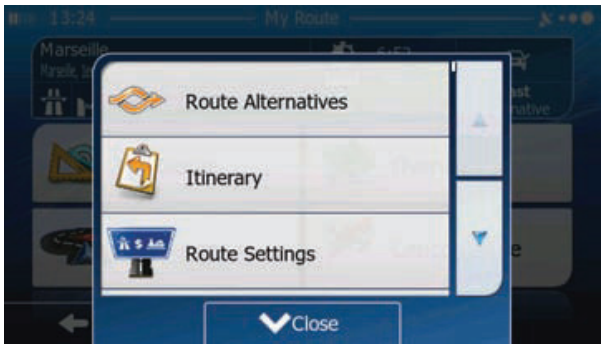
Checking Route Alternatives when Planning the Route

You can select from different route alternatives or change the route planning method after you have selected a new destination. Do as follows:

1. Select a destination as explained earlier, and go to the route confirmation screen.

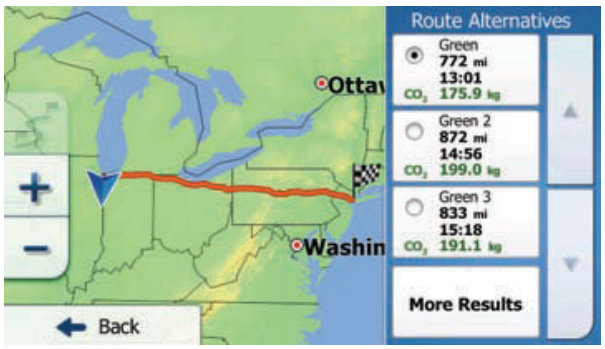
2. Tap

.



3. Tap

.
4. You see the basic details of three route alternatives with the selected route planning method. Tap any of them to see it on the map.



5. Or if you cannot find a good alternative, tap **More Results** and scroll down for routes with different routing methods.

6. Select one of the route alternatives and tap **Back** to return to the previous screen. iGo primo recalculates the route. The orange line now shows the new recommended route.

Checking Route Alternatives for an Existing Route

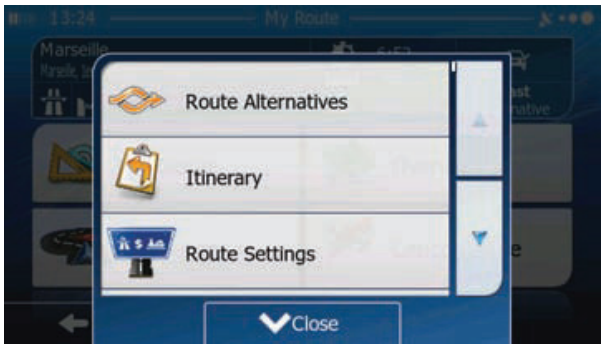
To recalculate the active route with a different route planning method, you can modify the Route settings. There is another way to do this and to compare different route alternatives with the same route planning method. Do as follows:

1. If you are on the Map screen, tap **Menu** to return to the Navigation menu.

2. In the Navigation menu, tap **My Route**.

3. Tap

.



4. Tap

.
5. You see the basic details of three route alternatives with the selected route planning method. Tap any of them to see it on the map.

6. Or if you cannot find a good alternative, tap

and scroll down for routes with different routing methods.

7. Select one of the route alternatives then tap and hold

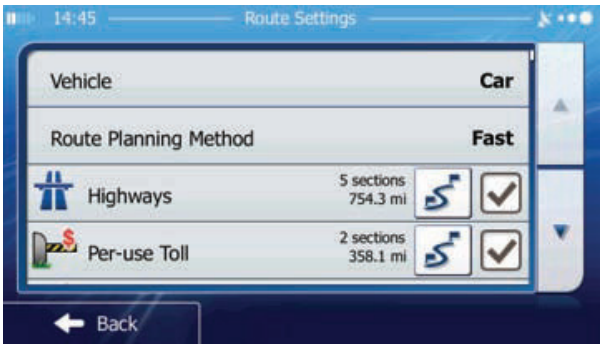
for a few seconds to return to the Map screen. iGo primo recalculates the route. The orange line now shows the new recommended route.

Changing the Vehicle Used in Route Planning

To recalculate the active route for a different vehicle, do as follows. These changes can also be made in Settings.

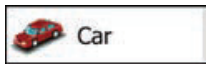
1. On the Map screen, tap and then tap

.



2. Tap

and then tap one of the following:

- 

-

-

-

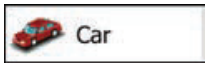
-

-

3. iGo primo recalculates the route optimized for the new vehicle type. The orange line now shows the new recommended route.

Note!
If you select

and you forget to change it back to a vehicle later, the software warns you when you travel with a speed that is too high for a pedestrian.

You are allowed to switch back instantly to 

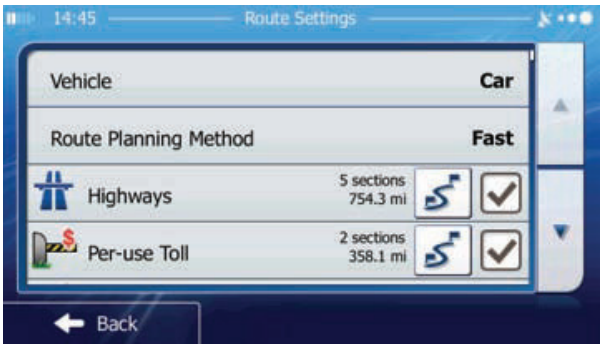
.

Changing the Road Types Used in Route Planning

To recalculate the active route with different road type preferences, do as follows. These changes can also be made in Settings.

1. On the Map screen, tap and then tap

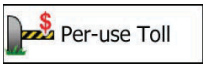
.

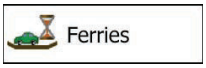


2. Tap any of the listed road types to modify the route. If needed, scroll the list for all road types. You have the following options (their order depends on the selected vehicle type):

-

- You might need to avoid freeways when you are driving a slow car or you are towing another vehicle.
-

- Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads.
- 

- iGo primo includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, iGo primo plans the best toll-free route.
- 

- iGo primo includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries.
-

- iGo primo excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them.
-

- Carpool or HOV lanes can be used if a given number of passengers are traveling in the vehicle. You should check whether you are allowed to use carpool lanes before enabling this road type.

3. Tap

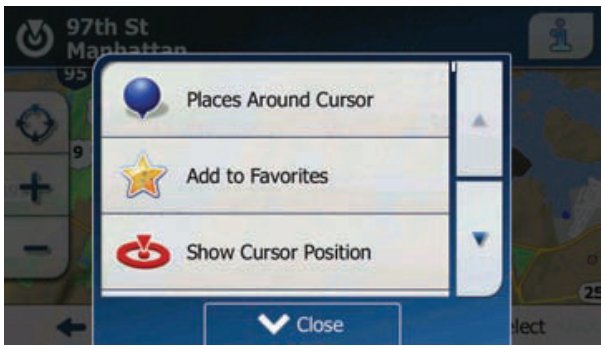
to confirm the changes. iGo primo recalculates the route. The orange line now shows the new recommended route.

SAVING A LOCATION AS A FAVORITE DESTINATION

You can add any location to Favorites, the list of frequently used destinations.

1. Select a destination as described before. It can be an address, a Place, any location on the map, a previously used destination from History, a coordinate or a location where a photo was taken.
2. When the full screen map appears with the selected location in the middle, tap

.



3. Tap

.
4. (Optional) Using the keyboard, you can change the name offered for the Favorite. Tap

to enter numbers or symbols.

5. Tap

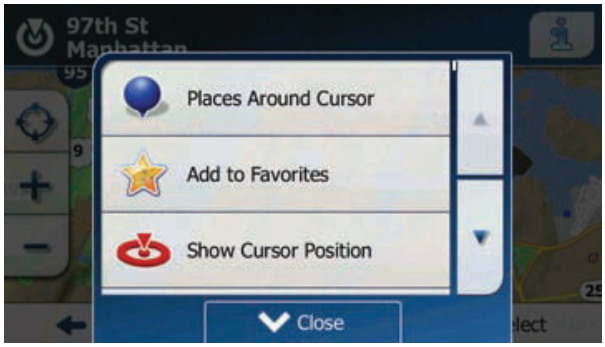
to save the location as a new Favorite destination.

SAVING A LOCATION AS AN ALERT POINT

You can save any map location as an alert point (for example a speed camera or a railroad crossing).

1. Browse the map and select a location. The red Cursor appears there.
2. Tap

.



3. Scroll down the list and tap

.
4. On the newly opened screen, select the type of the alert point, the direction from which you expect the alert, and (if applicable) the speed limit for this alert point.

5. Tap

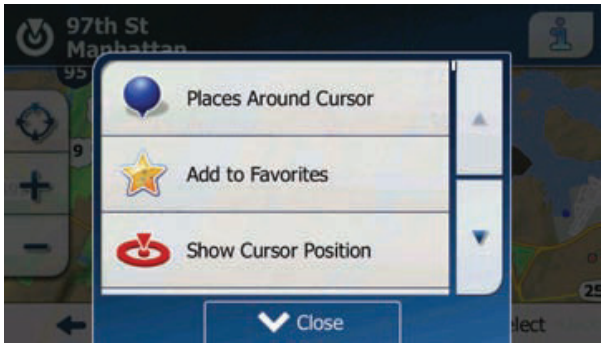
to save the location as a new alert point.

EDITING AN ALERT POINT

You can edit a previously saved or uploaded alert point (for example a speed camera or a railroad crossing).

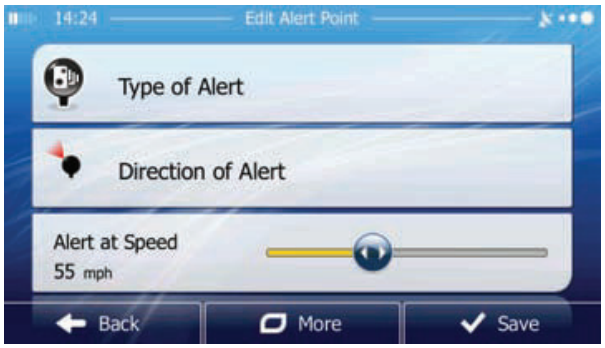
1. Browse the map and select the alert point to edit. The red circle appears around the alert point.
2. Tap

.



3. Scroll down the list and tap

.
4. On the newly opened screen, modify the type of the alert point, the direction from which you expect the alert, or (if applicable) the speed limit for this alert point.



5. Tap

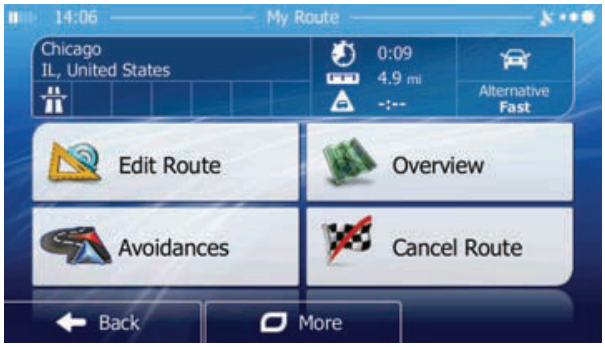
to save the changes to the alert point.

WATCHING THE SIMULATION OF THE ROUTE

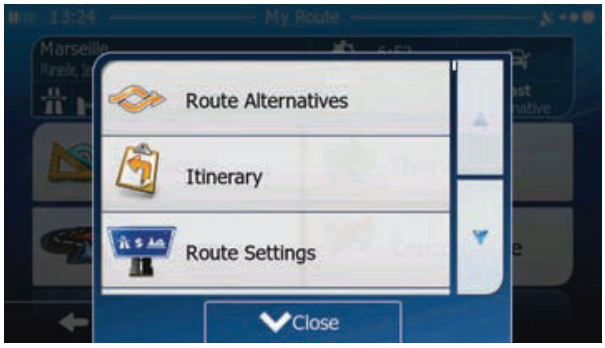
You can run a simulated navigation that demonstrates the active route. Do as follows:

1. If you are on the Map screen, tap Menu to return to the Navigation menu.

2. In the Navigation menu, tap My Route.



3. Tap More.



4. Scroll down the list and tap Simulate Navigation. The simulation starts from the starting point of the route, and using a realistic speed, it leads you through the whole recommended route.

5. (Optional) You have the following controls during the simulation (the control buttons disappear after a few seconds but you can open them again if you tap the map):
   - : Jump to the next route event (maneuver).
   - : Pause the simulation.
   - : Jump to the previous route event (maneuver).
   - : Tap to increase the speed of the simulation to 4, 8 or 16 times faster. Now tap again to return to the normal speed.
6. Tap Back to stop the simulation.

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REFERENCE GUIDE

On the following pages you will find the description of the different concepts and menu screens of iGo primo.

CONCEPTS

Smart Zoom

Smart Zoom provides much more than just a usual automatic zoom feature:

- **While following a route:** when approaching a turn, it will zoom in and raise the view angle to let you easily recognize your maneuver at the next junction. If the next turn is at a distance, it will zoom out and lower the view angle to be flat so you can see the road in front of you.
- **While driving without an active route:** Smart Zoom will zoom in if you drive slowly and zoom out when you drive at high speed.

Daytime and Night Color Themes

iGo primo uses different color themes during the day and during the night for both the map and the menu screens.

- Daytime colors are similar to paper road maps, and the menus are bright.
- The night color themes use dark colors for large objects to keep the average brightness of the screen low.

iGo primo offers different daytime and night color profiles. It can also switch automatically between the daytime and the night schemes based on the current time and GPS position a few minutes before sunrise, when the sky has already turned bright, and a few minutes after sunset, before it becomes dark.

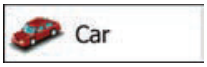
Route Calculation and Recalculation

iGo primo calculates the route based on your preferences:

Route planning methods:

- Fast : Gives a quick route if you can travel at or near the speed limit on all roads. Usually the best selection for fast and normal cars.
- Short : Gives a route that has the smallest total distance of all possible routes. It can be practical for slow vehicles.
- Green : Gives a quick but fuel efficient route based on the fuel consumption data given in Green Routing settings (page 88). Travel cost and CO2 emission calculations are estimations only. They cannot take elevations, curves and traffic conditions into account.
- Easy : Results in a route with fewer turns and no difficult maneuvers. With this option, you can make iGo primo to take, for example, the freeway instead of a series of smaller roads or streets.

Vehicle types:



- Maneuver restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for cars is allowed.
- Private roads and resident-only roads are used only if they are inevitable to reach the destination.
- Walkways are excluded from routes.

- Neither maneuver restrictions nor directional constraints are taken into account when planning a route.
- Roads are used only if access for pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average walking speed is used when calculating the estimated time of arrival.

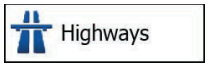
- Maneuver restrictions and directional constraints (if they are applied to bicycles in the map data) are taken into account when planning a route.
- Roads are used only if access for bicycles or pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average cycling speed is used when calculating the estimated time of arrival.

- All maneuvers are available in intersections.
- Directional constraints are taken into account the way that opposite direction is allowed with a low speed.
- A private road is used only if the destination is there.
- Walkways are excluded from routes.

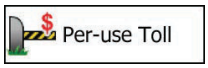
- Maneuver restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for buses is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

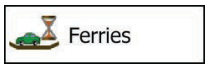
- Maneuver restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for taxis is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

Road types used or avoided in route calculation:

- 

-

- 

- 

-

-

Whenever data exist, route calculation takes into account statistical traffic data for the given day of week and time of day.

Real-time Traffic events are also taken into account and sometimes greatly modify the route.

iGo primo automatically recalculates the route if you deviate from the proposed itinerary or if a newly received Traffic event concerns a part of the recommended route.

Green Routing

Route calculation is not only about finding the quickest or shortest route. For some of the vehicle types, you can also check the fuel consumption and CO2 emission when planning a route, and you can create cost effective routes with less effect on the environment.

In Settings, select

to enter the necessary parameters of your vehicle and the average fuel price. You can also select whether you want to see the difference between your route and the green route even if the selected routing method is not Green.

After the above parameters are set, select

as route planning method to get a fast but also fuel efficient route. Note that travel cost and CO2 emission calculations are estimations only. They cannot take elevations, turns, curves and traffic conditions into account. Also, this routing is not meant to give you the "greenest" route of all. It is still important to travel quickly so the result is a fast route with low fuel consumption and CO2 emission.

With a vehicle type where green routing is selectable, whichever route planning method is selected, the Green details are also shown when you confirm the route:

If the selected route planning method is not Green, and you have allowed the application to show the green alternative, the price, fuel consumption and CO2 emission differences between your selected route and the Green route are also shown on this screen:

Tap the field with these details to switch the route to Green immediately.

Road Safety Cameras and Other Proximity Alert Points

There is a special proximity warning for road safety cameras (like speed or red light cameras) and other proximity alert points (like schools or railroad crossings). These alert points are preloaded in iGo primo. You can download more from www.naviextras.com or you can upload points in a specific text file if needed.

You can also add your own alert points or edit the preloaded or uploaded points.

The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. You can set up the different alert types individually in Sound and Warning settings.

The following alert types are available:

- Audio warning: beeps or the spoken type of the alert can be played while you are approaching one of these points, or extra alert sounds if you exceed the given speed limit while approaching.
- Visual warning: the type of the alert point, its distance and the related speed limit appear on the Map screen while you are approaching one of these cameras. The distance from the camera is also displayed.

For some of the alert points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.

- Only when speeding: The audio alert is only played when you exceed the given speed limit.
- When approaching: The audio alert is always played. In order to draw your attention, the alert can be different if you exceed the speed limit.

Note!

The warning for road safety cameras is disabled when the GPS position is not yet available or if you are in certain countries where road safety camera warning is prohibited.

Speed Limit Warning

Maps may contain information about the speed limits of the road segments. iGo primo is able to warn you if you exceed the current limit. This information may not be available for your region (ask your local dealer), or may not be fully correct for all roads in the map. Speed warning can be fine-tuned in Sound and Warning settings.

You can set the relative speed above which the application initiates the warning.

The following alert types are available:

- Audio warning: you receive a verbal warning when you exceed the speed limit with the given percentage.
- Visual warning: the current speed limit is shown on the map when you exceed it (for example:

).

You can also choose to see the speed limit sign on the map all the time.

GPS Position Quality Indicators

You can find useful information in the top corners of menu screens.

In the top right corner, the GPS reception quality icon shows the current accuracy of the position information.

Icon	Description
	iGo primo has no connection to the GPS receiver: GPS navigation is not possible. Devices with a built-in GPS receiver are permanently connected. On such devices, the icon does not appear in normal circumstances.
	iGo primo is connected to the GPS receiver, but the signal is too weak and the receiver cannot determine the GPS position. GPS navigation is not possible.
	Only a few satellites are received. Position information is available, but elevation (altitude) cannot be calculated. GPS navigation is possible, but the position error may be significant.
	Altitude information is available, the position is a 3D position. GPS navigation is possible.

Stored Traffic Information In Route Planning

The recommended route is not always the same between two points. Offline statistical traffic information (historical speed information or traffic patterns) can be taken into account in the route calculation based on the time of day and the day of week whenever suitable data exists. This function is subject to data availability.

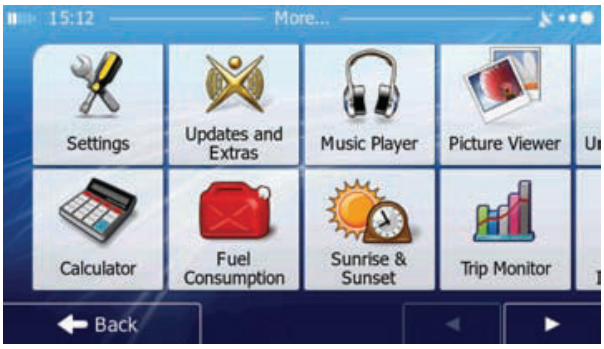
Smart Routes with Stored Statistical Traffic Information

If statistical traffic information is stored with the map data, iGo primo can take them into account when planning a route. In normal cases, these statistics help you avoid usual traffic jams on the given day of week in the given hour but in some cases like on public vacations that fall on normal weekdays, they can be misleading.

'MORE' MENU

The 'More' menu provides you with various options and additional applications.

Tap the following buttons: Menu , More... .



Button	Description
	You can configure the program settings, and modify the behavior of iGo primo. Fine-tune route planning options, change the look of the Map screen, turn on or off warnings, or restart the Configuration wizard, etc. See the next chapter for details.
	Visit www.naviextras.com to get additional content, such as new maps or 3D landmarks and useful applications.
	The Fuel Consumption monitor helps you keep track of the consumption of your car even if you do not use navigation for all your journeys. Set the initial odometer value and then record the distance taken and fuel filled in whenever you fill your car. You can also set reminders for regular car maintenance.
	Tap this button to see the sunlit and dark areas of the world. Your current location and route points are marked on the map. Tap the Details button to see the exact sunrise and sunset times for all your route points (your current location, all waypoints and the final destination).

	If you save your trip logs when you arrive at some of your destinations or let the application automatically save the trip logs for you, those logs are all listed here. Tap one of the trips to see the trip statistics, speed and altitude profile. If track log has also been saved, you can display it on the map with the selected color. Track logs can be exported to GPX files for later use.
	Select a country from the list and see useful driving information about the selected country. Information may include speed limits on different road types, the maximum blood alcohol level and any compulsory equipment you need to show when stopped by the police.
	Run the Demo to watch sample route simulations to see how navigation works. The About section provides you with product information. Read the Software and Database End User License Agreement, look up content licenses or check the unique identifier of the software. You can also access program usage statistics.

SETTINGS MENU

You can configure the program settings, and modify the behavior of iGo primo.

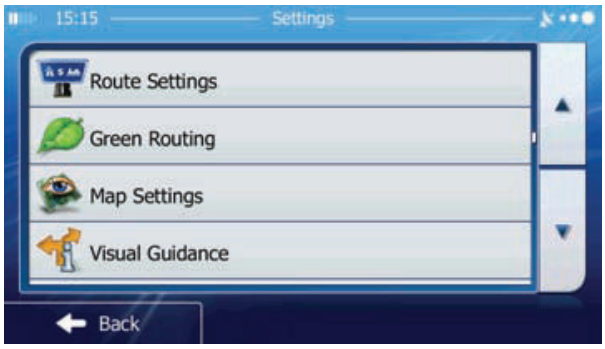
Tap the following buttons:

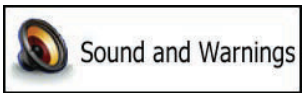
,

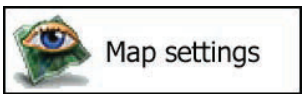
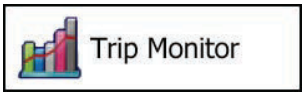
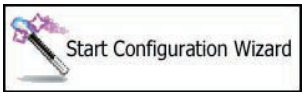
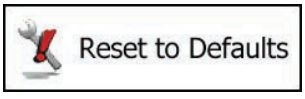
,

.

The Settings menu has several options. Tap or scroll with your finger to see the full list.



Button	Description
	Adjust the sound volume, mute your device or change the voice guidance language. In addition, you can enable and set up different warnings and alerts.
	The content of the Quick menu is fully customizable. Tap the button you want to change, and select its new function from the list.
	The recommended route is not always the same between two points. Whenever suitable data exists,offline statistical traffic information (historical traffic data or traffic patterns) can be taken into account in the route calculation based on the time of day and the day of week. This function is subject to data availability. Tap the button to set up these functions.
	These settings determine how routes will be calculated. Select the type of vehicle you are driving, the road types used in route planning, and the route planning method.
	These settings determine how Green routes will be calculated. They are also used to display the cost and CO2 emission of routes.

	You can fine-tune the appearance of the Map screen. Adjust the map view to your needs, choose suitable color themes from the list for both daytime and night use, change the red arrow to a 3D car model, show or suppress 3D buildings, turn track logging on or off, and manage your Place visibility sets (which Places to show on the map).
	Settings related to guidance on the map screen can be adjusted here.
	Display related settings include menu animations, separate skins for daytime and night use and the brightness of the display.
	These settings allow you to customize the application for your local language, measurement units, time and date settings and formats, as well as to choose the time zone.
	Trip logs and track logs contain useful information about your trips. Trip logs can be saved manually when you reach your destination or you can turn on the automatic saving here.
	Modify the basic software parameters set during the initial setup process.
	Delete all saved data and reset all settings to their factory defaults.

Sound and Warnings

Adjust the sound volume, mute your device or change the voice guidance language. In addition, you can enable and set up different warnings and alerts.

Button	Description
Volume	Tap this button to adjust the volume of the different sounds in the application. A new screen shows the different sound types and their controls. See below for details.
Voice language	This button shows the current voice guidance profile. By tapping the button, you can select a new profile from the list of available languages and speakers. Tap any of these to hear a sample voice prompt. Just tap Back when you have selected the new spoken language.
Speed Warning Settings	Maps may contain information about the speed limits of the road segments. iGo primo is able to warn you if you exceed the current limit. This information may not be available for your region (ask your local dealer), or may not be fully correct for all roads in the map. This setting lets you decide whether you wish to receive visible and/or audible warnings. Adjust the slider to set the relative speed above which the application initiates the warning. The following alert types are available: • Audio warning: you receive a verbal warning when you exceed the speed limit with the given percentage. • Visual warning: the current speed limit is shown on the map when you exceed it. If you prefer to see the speed limit sign on the map all the time (normally it is shown only if your speed exceeds it), you can set it here.

Speed Camera Warning	This feature allows you to receive a warning when approaching a Road Safety Camera. You must ensure on your own liability that using this feature is legal in the country where you intend to use it. This button is not displayed when GPS position is not available or if you are in certain countries where road safety camera warning is prohibited. Even if the button is available, you are responsible for checking whether it is legal to use this feature at your location.
Warning Sign Alerts	Maps may contain driver alert information. Tap this button to turn on or off these warnings and to set the distance from the hazard to receive the warning at. These can be set individually for the different warning types.
Proximity Alerts	The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. Tap this button and set the different alert types individually. The following alert types are available: • Audio warning: beeps or the name of the alert type can be played while you are approaching the camera, or extra alert sounds if you exceed the speed limit while approaching one of these cameras. • Visual warning: the type of the alert point, its distance and the related speed limit appear on the Map screen while you are approaching one of these cameras. The distance from the camera is also displayed. For some of the alert points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit. • Only when speeding: The audio alert is only played when you exceed the given speed limit. • When approaching: The audio alert is always played. In order to draw your attention, the alert can be different if you exceed the speed limit. Road safety cameras are not displayed in the list when GPS position is not available or if you are in certain countries where road safety camera warning is prohibited.

You can control the volume of the following sound types:

Button	Description
Master	This is the main volume control. These controls affect all below sounds. They can also be accessed from the Quick menu.
Guidance	These controls affect the volume of the guidance sounds (verbal instructions).
Alerts	These controls affect the volume of the alert sounds (beeps).
Music	These controls affect the volume of the background music.
Key Sounds	Key sounds provide audible confirmation of tapping the touch screen. These controls affect key sounds.

Controls for each sound type:

Button	Description
Volume Slider	Adjusts the volume of the related sound.
	Use the switch to mute the related sound. The slider becomes inactive. Tap again to re-enable.

Customize Quick Menu

The content of the Quick menu is fully customizable. Tap the button you want to change, and select its new function from the list.

Traffic Settings

The recommended route is not always the same between two points.

Whenever suitable data exists, offline statistical traffic information (historical speed information or traffic patterns) can be taken into account in the route calculation based on the time of day and the day of week.

This function is subject to data availability.

Button	Description
	Use this switch to enable or disable historical traffic data and traffic patterns. This locally stored information can be very useful in normal circumstances but for example on public vacations it may be better to turn off in order not to take into account normal weekday traffic jams.

Route Settings

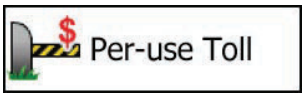
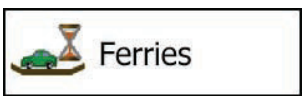
These settings determine how routes will be calculated.

Button	Description
	You can set the type of vehicle you will use to navigate the route. Based upon this setting, some of the road types can be excluded from the route, or some of the restrictions may not be taken into account in route calculation.
	The route calculation can be optimized for different situations and vehicle types by changing the planning method. See below for details.

To let the route fit your needs, you can also set which road types are to be considered for or to be excluded from the route if possible.

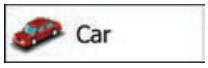
Excluding a road type is a preference. It does not necessarily mean total prohibition. If your destination can only be accessed using some of the excluded road types, they will be used but only as much as necessary. In this case a warning icon will be shown on the My Route screen, and the part of the route not matching your preference will be displayed in a different color on the map.

In the list of road types you can see in how many segments and what total length of the road type is used in the current route.

Button	Description
	You might need to avoid freeways when you are driving a slow car or you are towing another vehicle.
	Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads.
	iGo primo includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, iGo primo plans the best toll-free route.
	iGo primo includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries.

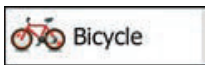
	iGo primo excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them.
	Carpool or HOV lanes can be used if a given number of passengers are traveling in the vehicle. You should check whether you are allowed to use carpool lanes before enabling this road type.

Vehicle types:



- Maneuver restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for cars is allowed.
- Private roads and resident-only roads are used only they are inevitable to reach the destination.
- Walkways are excluded from routes.

- Neither maneuver restrictions nor directional constraints are taken into account when planning a route.
- Roads are used only if access for pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average walking speed is used when calculating the estimated time of arrival.



- Maneuver restrictions and directional constraints (if they are applied to bicycles in the map data) are taken into account when planning a route.
- Roads are used only if access for bicycles or pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average cycling speed is used when calculating the estimated time of arrival.

- All maneuvers are available in intersections.
- Directional constraints are taken into account the way that opposite direction is allowed with a low speed.
- A private road is used only if the destination is there.
- Walkways are excluded from routes.

- Maneuver restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for buses is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

- Maneuver restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for taxis is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

Route Planning Method Types:

Button	Description
Fast	Gives a quick route if you can travel at or near the speed limit on all roads. Usually the best selection for fast and normal cars.
Short	Gives a short route to minimize the distance to travel. Usually practical for pedestrians, cyclists or slow vehicles. Searching for a short route regardless of the speed, this route type is rarely practical for normal vehicles.
Green	Gives a quick but fuel efficient route based on the fuel consumption data given in Green Routing settings. Travel cost and CO2 emission calculations are estimations only. They cannot take elevations, curves and traffic conditions into account.
Easy	Results in a route with fewer turns and no difficult maneuvers. With this option, you can make iGo primo to take, for example, the freeway instead of a series of smaller roads or streets.

Green Routing Settings

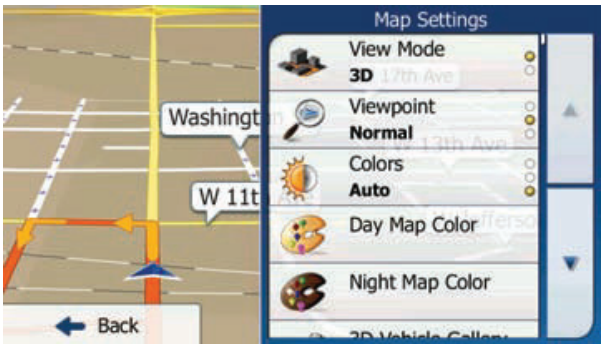
These settings determine how Green routes will be calculated. They are also used to display the cost and CO2 emission of routes.

Button	Description
Fuel Consumption Urban	Enter the average consumption of your vehicle when used in built-up areas. If necessary, tap More and select Fuel Economy to change the measurement unit.
Fuel Consumtion Rural	Enter the average consumption of your vehicle when used on highways. If necessary, tap More and select Fuel Economy to change the measurement unit.
Type of Engine	Select the engine and fuel type of your vehicle. This helps in estimating the CO2 emission.
Price of Fuel	Enter the average fuel price for travel cost calculation. If necessary, tap More and select Currency to change the measurement unit.
Calculate Green Alternative	If the selected routing method is not Green, you can have the best green alternative on screen when selecting the route.

Map Settings

You can fine-tune the appearance of the Map screen. Adjust the map view to your needs, choose suitable color themes from the list for both daytime and night use, change the red arrow to a 3D car model, show or hide 3D buildings, turn track logging on or off, and manage you Place visibility sets (which Places to show on the map).

The map is always shown on the screen so that you can see the effect when you change a setting.

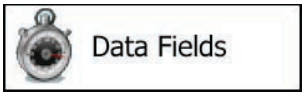


Button	Description
View Mode **3D**	Switch the map view between a 3D perspective view and a 2D top-down view.
Viewpoint **Normal**	Adjust the basic zoom and tilt levels to your needs. Three levels are available.
Colors **Auto**	Switch between daytime and night color modes or let the software switch between the two modes automatically a few minutes before sunrise and a few minutes after sunset.
Day Map Color	Select the color scheme used in daytime mode.
Night Map Color	Select the color scheme used in night mode.
3D vehicle Gallery	Replace the default position marker to one of the 3D vehicle models. You can select separate icons for different vehicle types selected for route planning. Separate icons can be used for car, pedestrian and the other vehicles.
Landmarks **ON**	Show or suppress 3D landmarks, 3D artistic or block representations of prominent or well-known objects.

	Show or suppress 3D city models, 3D artistic or block representation of full city building data containing actual building size and position on the map.
	Turn on or off track log saving, that is, saving the sequence of the locations your journeys go through.
	Select which Places to show on the map while navigating. Too many Places make the map crowded so it is a good idea too keep as few of them on the map as possible. For this, you have the possibility to save different Place visibility sets. You have the following possibilities: • Tap the checkbox to show or hide the Place category. • Tap the name of the Place category to open the list of its subcategories. • Tap to save the current Place visibility set or to load a previously saved one. Here you can also revert to the default visibility settings.

Visual Guidance Settings

Settings related to guidance on the map screen can be adjusted here.

Button	Description
	The data fields in the corner of the Map screen can be customized. Tap this button and select the values you want to see. The values can be different when you navigate a route from when you are just cruising without a given destination. You can select general trip data like your current speed or the altitude, or route data related to your final destination or the next waypoint on your route.
	If you are approaching a freeway exit or a complex intersection and the needed information exists, the map is replaced with a 3D view of the junction. You can turn this feature on or let the map be displayed for the whole route.
	Whenever adequate information is available, lane information similar to the real ones on road signs above the road is displayed at the top of the map. You can turn this feature on or off.
	Turn on the route progress bar to see your route as a straight line on the left side of the map. The red arrow represents your current position and moves up as you travel. Waypoints and Traffic events are also displayed on the line.

Display Settings

Display related settings include menu animations, separate skins for daytime and night use and the brightness of the display.

Button	Description
Menu Animations	When animation is turned on, buttons on menus and keyboard screens appear in an animated way. Screen transitions are also animated.
Day Skin Theme	Select the style and colors of the application used in daytime mode.
Night Skin Theme	Select the style and colors of the application used in night mode.
Current Backlight	Adjust the display backlight.

Regional Settings

These settings allow you to customize the application for your local language, measurement units, time and date settings and formats, as well as to choose the time zone.

Button	Description
Program language	This button displays the current written language of the user interface. By tapping the button, you can select a new language from the list of available languages. The application will restart if you change this setting; you are asked to confirm this.
Units and Formats	You can set the distance units to be used by the program. iGo primo may not support all the listed units in some voice guidance languages. Select between 12 and 24 hours time display and the various international date display formats.
Time Zone	By default, time zone is taken from the map information and adjusted by your current location. Here you can set time zone and daylight saving manually.

Trip Monitor Settings

Trip logs and track logs contain useful information about your trips. Trip logs can be saved manually when you reach your destination or you can turn on the automatic saving here. You can access these logs in the Trip monitor. Trip monitor is available from the More menu.

Button	Description
Enable auto-saving	Trip monitor can record statistical data of your trips. If you need these logs later, you can let the application save them automatically for you.
Trip database size	This is not a button. This line shows the current size of the trip database, the sum of all trip and track logs saved.
Save track log	Track logs, the sequence of the positions given by the GPS receiver, can be saved together with trip logs. They can later be displayed on the map. You can let the application save the track log whenever it saves a trip.

GLOSSARY

2D/3D GPS reception

The GPS receiver uses satellite signals to calculate its (your) position and needs at least four signals to give a three-dimensional position, including elevation. Because the satellites are moving and because objects can block the signals, your GPS device might not receive four signals. If three satellites are available, the receiver can calculate the horizontal GPS position but the accuracy is lower and the GPS device does not give you elevation data: only 2D reception is possible.

Active route

The currently navigated route. Whenever the destination is set, the route is active until you delete it, reach your destination or you quit iGo primo. See also: Route.

City Center

The city/town center is not the geometric center of the city but an arbitrary point the map creators have chosen. In towns and villages, it is usually the most important intersection; in larger cities, it is one of the important intersections.

Color theme

iGo primo comes with different color themes for daytime or night use of the map and menu screens. Themes are custom graphic settings and they can have different colors for streets, blocks or surface waters in 2D and 3D modes, and they display shades or shadows in different ways in 3D mode.

One daytime scheme and one night scheme is always selected for the map and for the menus. iGo primo uses them when it switches from day to night and back.

GPS accuracy

Several factors have impact on the deviation between your real position and the one given by the GPS device. For example, signal delay in the ionosphere or reflecting objects near the GPS device have a different and varying impact on how accurately the GPS device can calculate your position.

Map

iGo primo works with digital maps which are not simply the computerized versions of traditional paper maps. Similarly to the paper road maps, the 2D mode of digital maps show you streets, roads, and elevation is also shown by colors.

You can use digital maps interactively: you can zoom in and out (increase or decrease the scale), you can tilt them up and down, and rotate them left and right. In GPS-supported navigation, digital maps facilitate route planning.

North-up map orientation

In North-up mode the map is rotated so its top always faces North. This is the orientation for example in Find on Map. See also: Track-up map orientation.

Road Safety Camera

Special alert points for speed, red light or bus lane cameras. Different data sources are available. You can configure iGo primo to warn you when you approach one of these cameras.

Detecting the location of Road Safety Cameras is prohibited in certain countries. It is the sole responsibility of the driver to check whether this feature can be used during the trip.

Route

A sequence of route events, i.e. maneuvers (for example, turns and traffic circles) to reach the destination. The route contains one start point and one or more destinations. The start point is the current (or last known) position by default. If you need to see a future route, the start point can be replaced with any other given point.

Track-up map orientation

In Track-up mode the map is rotated so its top always points in the current driving direction. This is the default orientation in 3D map view mode. See also: North-up map orientation.

Vehimarker

The current position is shown with a red arrow on the map by default. The direction of the red arrow shows the current heading. This position marker can be replaced with different vehicle and pedestrian symbols. You can even specify different Vehimarkers for different route types (depending on which vehicle type is selected for route calculation).

END USER LICENSE AGREEMENT

1 The contracting parties

1.1 This Agreement has been entered into by and between NNG Kft. (registered seat: 23 Bérc utca, H-1016 Budapest, Hungary; Company reg.no.: 01-09-891838) as Licensor (hereinafter: Licensor) and You as the User (hereinafter: User; the User and the Licensor jointly referred to as: Parties) in subject of the use of the software product specified in this Agreement.

2 Conclusion of the Agreement

2.1 The Parties hereby acknowledge that this Agreement shall be concluded by implicit conduct of the Parties without signing the Agreement,

2.2 The User hereby acknowledges that following the lawful acquisition of the software product constituting the object of this Agreement (Section 4), any degree of use, installation into a computer or other hardware, installation of such hardware into a vehicle, pressing of the "Accept" button displayed by the software during installation or use (hereinafter referred to as Use) shall mean that the User has accepted the terms and conditions of this Agreement as legally binding.

2.3 This Agreement shall by no means authorise use of the software product by those persons having unlawfully acquired the software product or having unlawfully installed it on a computer or in a vehicle.

3 Relevant laws and regulations

3.1 Any action related to this Agreement will be governed by the laws of the Republic of Hungary, with specific reference to Act IV of 1959 on the Civil Code and to Act LXXVI of 1999 on Copyrights shall apply.

3.2 The original language version of this Agreement is the Hungarian version. This Agreement has versions in other languages as well. In case of dispute the Hungarian version shall prevail.

4 Object of the Agreement and Termination

4.1 The object of this Agreement shall be the navigation guidance software product of Licensor (hereinafter referred to as the Software Product).

4.2 The Software Product shall include the operating computer program, its complete documentation, the map database pertaining thereto and any third-party content and services accessible through the Software Product (hereinafter: Database).

4.3 Any form of display, storage, coding, including printed, electronic or graphic display, storage, source or object code, or any other as yet undefined form of display, storage, or coding, or any medium thereof shall be deemed parts of the Software Product.

4.4 Error corrections, additions, updates used by the User following the conclusion of this Agreement shall also be deemed parts of the Software Product.

4.5 Your rights under this Agreement will terminate immediately without notice from Licensor if you materially breach it or take any action in derogation of Licensor's and/or its licensors' rights to the Software Product. Licensor may terminate this Agreement should any Software Product become, or in Licensor's reasonable opinion likely to become, the subject of a claim of intellectual property infringement or trade secret misappropriation. Upon termination, you will cease use of, and destroy Software Product and confirm compliance in writing to Licensor

5 Rights under copyright

5.1 Unless otherwise provided by law or contractual provisions, the Licensor is the sole and exclusive owner of all material copyrights vested in the Software Product.

5.2 Copyrights extend to the whole Software Product and to its parts separately as well.

5.3 The owner(s) of the copyrights of the Database forming part of the Software Product is (are) the natural person(s) or corporate entity(ies) listed in the Appendix to this Agreement or in the "About" menu item of the operating computer program (hereinafter referred to as Database Owner). The user's manual of the Software Product includes the name of the menu option where all the owners of the Database items are listed. The Licensor hereby states that it has obtained sufficient usage and representation rights from the Database owners in order to utilize the Database, to offer it for utilization and to transfer it for utilization as set forth in this Agreement.

5.4 Pursuant to this Agreement, all rights vested in the Software Product shall remain in the ownership of the Licensor, except for those to which the User is entitled under law or by virtue of this Agreement.

6 Rights of the User

6.1 The User is entitled to install the Software Product into one hardware device (desktop, handheld, portable computer, navigation device), and to run and use one copy of the Software Product or a preinstalled copy of the Software Product thereon.

6.2 The User is entitled to make one backup copy of the Software Product. However, if the Software Product operates after installation without the use of the original media copy, then the original media copy shall be deemed to be a backup copy. In all other cases, the User is only entitled to use the backup copy if the original media copy of the Software Product has been ascertainably and unequivocally rendered unsuitable for its lawful and intended use.

7 Limitations of use

7.1 The User is not entitled

7.1.1 to duplicate the Software Product (to make a copy thereof);

7.1.2 to lease, rent or lend it or to transfer it to a third person for any reason;

7.1.3 to translate the Software Product (including translation (compilation) to other programming languages);

7.1.4 to decompile the Software Product;

7.1.5 to evade the protection of the Software Product or to modify, circumvent or obviate such protection through technological or by any other means;

7.1.6 to modify, extend, transform the Software Product (in whole or in part), to separate it into parts, combine it with other products, install it in other products, utilize it in other products, not even for the purpose of achieving interoperability with other devices;

7.1.7 apart from using the computer program, to obtain information from the Database as a part of the Software Product, to decompile the Database, to use, copy, modify, extend, transform the Database in whole or in part or the group of data stored therein, or to install it in other products or otherwise, utilize it in other products or to transfer it, not even with the aim of achieving interoperability with other products.

7.2 The User may only use the contents available through the Software Product and provided by third parties and the data received through the services provided by third parties (including but not limited to the traffic data received from the RDS TMC traffic information service) for his/her own personal benefit and at his/her own risk. It is strictly prohibited to store, to transfer or to distribute these data or contents or to disclose them in full or in part to the public in any format or to download them from the product.

8 No warranty, limitation of liability

8.1 The Licensor hereby informs the User that although the greatest care was taken in producing the Software Product, given the nature of the Software Product and its technical limitations, the Licensor does not provide a warranty for the Software Product being completely error-free, and the Licensor is not bound by any contractual obligation whereby the Software Product obtained by the User should be completely error-free.

8.2 The Licensor does not warrant that the Software Product is suitable for any purpose defined either by the Licensor or the User, and does not warrant that the Software Product is capable of interoperating with any other system, device or product (e.g. software or hardware).

8.3 The Licensor does not assume any responsibility for damages incurred due to an error in the Software Product (including errors of the computer program, the documentation and the Database).

8.4 The Licensor does not assume any responsibility for damages incurred due to the Software Product not being applicable for any defined purpose, or due to the error or incompatibility of the Software Product with any other system, device or product (e.g. software or hardware).

8.5 The Licensor also draws the attention of the User to the fact that, when using the Software Product in any form of vehicle, observing the traffic regulations and rules (e.g. use of obligatory and/or reasonable and suitable security measures, proper and generally expected care and attention in the given situation, and special care and attention required due to the use of the Software Product) is the exclusive responsibility of the User. The Licensor shall not assume any responsibility for any damages occurred in relation to use of the Software Product in a motor vehicle.

8.6 By concluding the Agreement, the User shall, in particular, acknowledge the information stated in Section 8 above.

9 Sanctions

9.1 The Licensor hereby informs the User that, if the Licensor finds its rights under the Copyright Act to be breached, the Licensor may

9.1.1 seek judicial recognition of this breach;

9.1.2 demand that the breach cease and order the person in breach to refrain from continuing such actions;

9.1.3 demand that the person under breach give proper compensation (even by way of publicity at the expense of the person in breach);

9.1.4 claim the return of the increase of assets due to the breach;

9.1.5 demand the cease of the wrongful action and, demand restitution to its state before the breach was committed at the expense of the person in breach, and may demand the destruction of instruments and materials used to commit the breach as well as of the products created by the breach;

9.1.6 claim for damages.

9.2 The Licensor hereby also informs the User that the breach of copyrights and related rights is a crime under Act IV of 1978 on the Hungarian Criminal Code, which may be sentenced of two years in prison in basic cases and up to eight years in prison in aggravated cases.

9.3 Contents and services provided by third parties

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9.5 The parties hereby agree that the courts of the Republic of Hungary will have exclusive jurisdiction to rule on any disputes arising in connection with this Agreement.

10. Anonymous data collection

10.1 The User hereby acknowledges that the Software Product may collect and store data connected to the usage of the Software Product by the User (e.g. movement/route data, user interaction data). Such data collection functions may be disabled or enabled by User any time from within the corresponding menu. The collected data is connected to the device type identifier of the device running the Software Product and not associated in any way with any personal information of the User or with the User itself.

10.2 The collected data may be uploaded to Licensor's database and used exclusively for the purpose of enhancing and improving the features and services of the Software Product and the Databases. Uploading is executed through Licensor's special software or by the User navigation device, and the upload may be enabled or disabled by User. After successful data upload, the collected data is deleted from the Software Product storage media.

10.3 Collected data is transmitted, stored and handled anonymously and no connection of the data with the User shall be established by Licensor or any third party.

Audiovox Electronics Corporation
Hauppauge, NY 11788
Technical Assistance: 1-800-323-4815
www.jensen.com
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Limited Warranty

CD or Multimedia Radios/Headunits

DO NOT RETURN THIS PRODUCT TO THE STORE

Audiovox Electronics Corporation ("the Company") is committed to quality and customer service, and are pleased to offer you this Warranty. Please read it thoroughly and contact the Company at 1-800-323-4815 with any questions.

Who is covered?

The Company extends this warranty to the original retail purchaser of products purchased through an authorized Audiovox retailer in the U.S.A., Puerto Rico or Canada. This warranty is not transferable or assignable. Proof of purchase is required in the form of an original sales receipt.

What is covered?

The Company warrants that should this product or any part thereof, under normal use, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with a new or reconditioned product (at the Company's option) without charge for parts and repair labor.

What is not covered?

This Warranty *does not* cover the following:

- Damage incurred during shipping or transporting the product to the Company or a service center
- Elimination of car static or motor noise
- Defects in cosmetic, decorative or non-operative structural parts
- Correction of antenna problems
- Costs incurred for installation, removal or reinstallation of the product
- Consequential damage to compact discs, USB devices, digital media cards, accessories or vehicle electrical systems
- Damage caused by improper installation, mishandling, misuse, neglect, accident, blown fuse, battery leakage, theft or improper storage
- Products whose factory serial number/bar code label(s) or markings have been removed or defaced
- Damage resulting from moisture, humidity, excessive temperature, extreme environmental conditions or external natural causes

Please review the "Care and Maintenance" section of your Installation and Operation Manual for additional information regarding the proper use of your product.

Limitations

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Obtaining Warranty Service

- To obtain repair or replacement within the terms of this Warranty, call 1-800-323-4815 for the location of a warranty station serving your area.
- You must prepay the initial shipping charges to the Company. The Company will pay the return shipping charges for all warranteed products returned to an address within the U.S.A., Puerto Rico or Canada.
- Please package the product securely to avoid shipping damage. We recommend using a carrier that provides tracking service to prevent lost packages. Lost or damaged packages are not covered by this warranty.
- Provide a detailed description of the problem(s) for which you require service.